The Architects' Compendium

and

Complete Catalogue

1898

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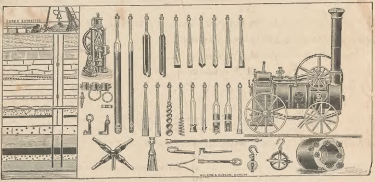

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LEGAL INFORMATION.

Attention is drawn to the Legal Information on pages 652 to 664. We shall be happy to answer any questions bearing on the Building Law, if forwarded to us, addressed :

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Westminster Patent Flooring Co. (The), 537K, King's Road, Chelsea, London, S.W. 134, 135, 518 519

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Whitehead, J., & Sons The Granite Works, Aberdeen, 74, Rochester Row, Westminster, London, S.W. 515, 517

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Williams, A., & Co., 39, Gt. Eastern St., London, E C 223

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Young & Allan 4, George Place Leith Walk, Edinburgh 516

Young & Co., 12, Victoria Street, Westminster, London, S.W., 71, Mosley Street, Manchester 482

Young, H., & Co., Eccleston Iron Works, Pimlico; and Hayle Foundry Wharf, Nine Elms, London, S.W. 159, 224

Telegraphic Addresses and Telephone Numbers.

Name	*Telegraphic Address and Telephone Number*
Acme Ventilating & Heating Co.	Keyworth, Liverpool (1877 A B.C. Code used
Acme Wood Flooring Co., Ld	Dowelled, London (6017)
Adamant Co., Ld., The	Adamant, Birmingham (489).
" "	Chromolith, London
Adamantine Clinker Works	Adamantine, Little Bytham
Adams, Robert	Robert Adams, London (4804)
Albion Clay Co., Ld.	Albion, Woodville
" "	Sewerage, London (65205)
Aldridge Colliery Co., Ld	Aldridge Colliery, Walsall-wood
Anaglypta Co., The	Anaglypta, Darwen (127)
" "	Anaglypta, London (2731)
Anderson, D., & Son, Ld.	Anderson, Belfast
" " "	Ulster, London (5412)
Anderson, R., & Co.	Tonnerre, London
Ashbee Sons, & Co.	Ashbee, Gloucester
Ashwell & Nesbitt	Iron, Leicester (National Telephone, No. 190).
" "	Platerack, London.
" "	Solar, Newcastle-on-Tyne.
Aston, G., & Son	Inwrought, London (607
Atkin, Geo., & Co.	Asphalte, Liverpool (5208)
Attwood, J.	Attwoods, Stourbridge.
Baldwin, Son & Co., Ld.	Baldwin, Stourport.
Banner Sanitation Co.	Banners, London
Banks' Fireproof Construction Syndicate, Ld	Divisible, London
Barker, Fred. W.	Barker, Broadway, Hammersmith
Barnard, Bishop, & Barnards Ld	Barnards, Norwich
"	Barnards, London.
Barwell, James	Barbells, Birmingham
Bastin, E. P.	Bastin, London
" "	Bastin, Rowlands Castle
Bath Stone Firms, Ld., The	Oolite, Bath
" "	Oolite, London
Bayliss, Jones & Bayliss	Bayliss, Wolverhampton (7025)
" "	Lockfast, London.
Beddow, John, & Sons	Beddows, Walsallwood
Bedford, Jas., & Co., & Hill & Hey	Ventilator, Halifax
Bell, P., & Son	Ironworks, Edinburgh.
Benham & Sons	Benham, London (7065).
Benham & Froud, Ld	Benfro, London.
Bennet Furnishing Co	Orham, Glasgow (4643)
" " "	Desks, London.
Bettws-y-Coed Slate Co.	London, Bettws-y-Coed.
Blackburn, J.	Blackburn, Nottingham (238).
Blackler, A. W., & Son	Blackler, St. Mary Church, Torquay.
Blackwall Galvanized Iron Co., Ld.	Promptitude, London (11064).
Bladen & Co.	Bladens, Glasgow (4506)
Blakeley, E. F., & Co.	Corrugated, Liverpool (2325).
Blanchard, M. H., & Co.	Blanchard, Bishops Waltham.
Blezard, Jas., & Sons	Blezards, Guy, Padiham (203).
Bloxham, W. J.	Thorough, Banbury.
Bourne (Swaine) & Son	Swaine Bourne, Birmingham.
Bourtreehill Coal Co.	Bourtreehill, Dreghorn.
" " "	Lochhead, Dunfermline (22, Irvine)
Bowes Scott & Western	Donbowes, London (3199).
Bowstone Co., The	Bowstone, Maidstone
Boyd, J., & Sons	Boyd, Paisley (231).
Braby, F., & Co., Ld.	Courteous, London.
Bradford, Thomas, & Co.	Bradfords, London.
" "	Vowel, Liverpool
" "	Vowel, Manchester
Bratt, Colbran & Co	Proteus, London (811)
British Challenge Glazing Co., Ld.	Astragal, London
British Fireproof Construction Co.	Fenestrule, London (3336)
Broad & Co.	Broad & Co., London (7048)
Broadbent, J. C., & Co., Ld.	Cresswell, Huddersfield
" " "	Unbleached, London.
Buick, C., & Sons	Buick, Alloa.
Burt & Potts	Casements, London
Cameron & Roberton	Cameron, Kirkintilloch (2)
Candy & Co., Ld.	Candy, Bovey-Tracey
" "	Vitreous, London
Carr, Chas.	Bells, Smethwick (2018)
Carter, A. T. S	Barbotine, London (8053)
Carter & Co.	Carter's Pottery, Poole (19)
Cartland, J., & Son	Cartlands, Birmingham (94)
" "	Cartlands, London.
Carton Pierre & Fibrous Plaster Co., The	Rectangular, London
Chance Bros. & Co., Ld	Chance, Smethwick
Chapman, Alfred & Co.	Alfred Chapman, London.
Charteris & Longley	Longley, Crawley
" "	Trowelled, London (3046)
Chubb & Son's Lock & Safe Co., Ld	Chubb, London
Clark, S., & Co	Syphon Stoves, London
Clark, T. & C., & Co	Clark, Wolverhampton.
Cliff, J., & Sons	Cliffs, London (4361)
"	Cliffs, Wortley, Leeds (612).
" "	Joscliffs, Liverpool
Coalbrookdale Co., Ld.	Darby, Coalbrookdale
" "	Severndale, London

Name.	*Telegraphic Address and Telephone Number.*
Colchester, Wemyss, & Co., Ld.	Wemyss, Mitcheldean.
Colledge & Bridgen	Colledge, Wolverhampton (7118)
Collier, S. & E.	Collier, Reading (92)
Comyn Ching & Co.	Comyn Ching, London (2918).
Constantine, J., & Son	Constantine's Baths, Manchester.
Cooper, J. K., & Sons	Tileries, Maidenhead.
Cordelova Co., Ld.	Cordelova, Edinburgh (197a)
Cousland & Mackay	Supplies, Glasgow.
Couzens, G. & F.	Interceptor, Cardiff (National, 461)
Craig, J. & M., Ld.	Craig, Kilmarnock (Telephone No. 17, connected with Glasgow & Ayrshire).
Craven, Dunnill & Co., Ld.	Craven, Jackfield.
" " "	Craven, Lincoln's Inn, Birmingham
" " "	Dunnill, Maddox St., London.
Crittall Manufacturing Co., Ld.	Crittall, Braintree.
Currie, H. F., & Co.	Quality, Liverpool (1889).
Damman & Washer & Co.	Herringbone, London.
De Grelle, Houdret & Co.	Degrelle, London (325)
Densham & Sons	Densham, St. John's Wood (7061)
De Ridder, R. I.	Deridder, Liverpool.
Derwent Foundry Co.	Derwent Foundry, Derby (111).
Dimmock, J., & Co.	Cliff, Hanley.
Dinning & Cooke	Dinning, Newcastle (G.P.O. Telephone, No. 493 National 1322
Dixon, I., & Co.	Roofing, Liverpool (1054).
Doughty, John, & Son	Doughty, Jackfield
Downes, J. J.	Dulcedo, London.
Drake & Gorham	Accumulator, London (3071)
Drew-Bear, Perks, & Co.	Bearbind, London (1576)
Eagle Range & Foundry Co., Ld., The	176, Regent Street, London.
Easton, Anderson, and Goolden, Ld.	Egyptian, London (3695).
Ebner, Jos. F.	Ebners, London (Code Unicode).
Educational Supply Association, Ld.	Educational, London.
Edwards, J. C.	Edwards, Ruabon
Ellis, John, & Sons, Ld.	Ellis, Leicester (National, 46)
Ellis, Partridge, & Co.	Elcho, Leicester (National, 299)
Elterwater Green Slate Co. Ld.	Slate, Elterwater.
Emley & Sons, Ld.	Emley, Newcastle-on-Tyne (G.P.O. Telephone, 499. National, 1119)
Engert & Rolfe, Ld.	Feltings, London.
Essex & Co.	Euterpe, London.
Exley, Wm., & Sons	Exley, Broseley
Fambrini & Daniels	Fambrini, Lincoln.
Farrar, E., & Co.	Bracketing, London
Fawcett, M., & Co.	Abednego, London (3078).
"	Abednego, Liverpool.
Fenning & Co.	Masonry, London.
Field & Allan	Field, Leith (4029).
Finsbury Drawing Office, The	Pitchpine, London
Fireproof Construction Co.	Deflammo, London.
Fletcher, Russell, & Co., Ld.	Wacran, Manchester (National, 1039. New, 5011).
" " "	Gaseries, Warrington (Nat., 70)
" " "	Gaseries, London.
Galbraith & Winton	Winton, Glasgow
Gardiner, Sons, & Co., Ld.	Gardsons, Bristol (278)

Name.	*Telegraphic Address and Telephone Number.*
Garvie, J., & Sons	Garvie, Rose St., Aberdeen (187)
Gibbons, J.	Gibbons, Wolverhampton
Gibbs, John, & Son	Ventilation, Liverpool (1389).
Glover, T., & Co.	Gothic, Birmingham.
" "	Gothic, Bristol.
" "	Gothic, London
" "	Gothic, Manchester.
Goddard & Sons	Goddards, Farnham
Godwin & Sons	Godwin, Withington, Hereford
Gooddy, Cripps, & Sons, Ld.	Cripps, Bristol.
" "	Gooddy Cripps, Liverpool.
" " "	Gooddy, London.
Graves' Patent Roofing Co.	Silica, Liverpool
Gray, J. W., & Son	Grandson, London.
Gray, James	Gray, Chelsea, London.
Gray, James, & Son	Grates, Edinburgh (2018).
Greaves, Bull, & Lakin	Greaves, Warwick
" " "	Lias, London (7138)
" " "	Greaves, Birmingham.
Gregory, T., & Co.	Genuine, London
Grover & Co.	Adopted, London
Grundy, J.	John Grundy, London.
Guest & Chrimes	Guest, Rotherham.
Haden, G. N., & Sons	Haden, Trowbridge
Hall & Boardman, Ld.	Hall, Swadlincote
Hamblet, J.	Hamblet, West Bromwich.
Harling, W. H.	Clinograph, London.
Harrington, Latham & Co.	Cradle, Coventry
Hartshill Brick & Tile Co.	Hartshill, Stoke-on-Trent (623)
Hart, Son, Peard & Co., Ld.	Diurnation, London (35316)
Hartley & Sugden, Ld.	Boilers, Halifax (Nat., 38)
Hayward & Son	Claverton, London (6914)
Hayward-Tyler, & Co.	Tylerox, London (192).
Helliwell & Co., Ld.	Helliwell, London.
Henderson & Webster	Affleck, Aberdeen.
Hendry & Pattisson	Hygiastic, London.
Hermann, H., Ld.	Locksmith, London (5002).
Heywood, W. H., & Co.	Glazing, Huddersfield (Nat., 254).
Hill & Smith	Fencing, Brierley Hill (Nat. 2002a).
Hill, James, & Co.	James Hill, London
Hobbs, Hart & Co., Ld.	Hobbs, Hart, London (91).
Hollis Bros. & Co.	Baltic, Leicester (148)
Holmes & Sons, Ld.	Holmes, Engineers, Norwich
Holt, W. F. S.	Holt, Laisterdyke (1305)
Homan & Rodgers	Namoh, Manchester (637).
" "	Homan Rodgers, London
Hope, Henry	Conservatory, Birmingham (999).
Hopton Wood Stone Co., Ld.	Simpson, Wirksworth.
Howorth & Co.	Ventilator, Mosesgate.
Hoyland, E. & J.	Potteries, Wombwell
Hudson, Thos.	Hudson, Coatbridge (58)
Hutchinson Bros.	Slag, Middlesbro' (5242).
Indestructible Paint Co., Ld.	Weatherproof, London.
Ingram & Clarke	Limbux, Liverpool (354).
Itter, A. W.	Itter, Old Fletton.
Jeffrey & Co.	Wallpaper, London.
Joberns, J., & Co.	Joberns, Walsall Wood.
Johnson Bros.	Star, Hanley (107)
Jones & Attwood	Heat, Stourbridge.
" "	Hottest, London
Jones, F., & Co.	Slagwool, London.
Jones, W. & P.	Jones, Jackfield.
Keith, James	James Keith, London (6620)
" "	" " Arbroath
Key, Wm.	Ventilation, Glasgow.

Name.	Telegraphic Address and Telephone Number.
KILLER BROS.	Killers, Middleton, Wirksworth
KILLICK & COCHRAN	Ideal, Liverpool (439)
KING, J., & C[illegible]	King Co., Lye.
KITCHEN & CO, LD	Welded, Derby (Nat, 100)
LAMBETH BRASS & IRON CO, LD	Diaphragm, London (4796)
LAND, J & H.	Canterra, London.
LASCELLES, W. H., & CO	Lascelles, London (270)
LEA & BOULTON	Lea, Tunstall
LEE, ARTHUR, & BROS., LD.	Lee, Bristol (National, 47)
LEECH BROS & CO.	Lebroyle, Manchester (Nat., 891; New, 648).
LEEDS STEEL WORKS, LD	Bessemer, Leeds.
LEGGOTT, W & R., LD.	Silens, Bradford
LEGRAND & SUTCLIFF	Abyssinian, London.
L[illegible] J	Weathervane, London.
LIGNOMUR & CALCORION C	Calcorion, London.
LIMMER ASPHALTE PAVING CO., LD.	Limmer London (862)
LINE, J, & SONS	Linarius, London (6664)
" "	Line, Reading (109)
LLOYD & LLOYD	Lloyds, Birmingham (282)
LONDON ASBESTOS CO.	Catharopyr, London
LUMBY, SON, & WOOD, LD	Lumby, Halifax (5).
MACANDREW, D, & CO.	Macandrews, Builders, Aberdeen.
MCCALLUM & HOPE	Telephone No. Ruchill and Cadogan St, 526, Glasgow.
MCDONALD, CHARLES	Froghall, Aberdeen
MCDOWALL, STEVEN & CO., LD.	Steven Bros., London (1789)
MCFARLANE, S.	Concrete, Leeds (Nat., 1051).
MCINTOSH & RAE	Lorne, Aberdeen
MACKENZIE & MONCUR	Hothouse, Edinburgh (805).
MCNEILL, F., & CO.	Eyeball, London.
" "	Eyeball, Liverpool.
" "	Eyeball, Kirkintilloch
MADELEY WOOD CO, THE	Iron, Madeley, Salop
MAIN, A. & J, & CO., LD.	Kelvin, Glasgow (3049 & 3053)
"	Kelvin, London (15024).
MAINZER & CO., LD.	Mainzer, London
MALKIN, EDGE & CO	Malkin Edge, Burslem (3075).
MALLINSON, WM	Shutters, Manchester.
M[illegible], C & J	Bayne, Glasgow (922)
MARSH, JONES & CRIBB	Cribb, Leeds.
MARTYN, H H, & CO.	Martyn, Sunningend, Cheltenham
MATHIESON, WILSON & CO	Thistle, Armley (434)
MATTISON, F, & CO.	Mattison, Leeming Bar
MAW & CO LD.	Maw, Jackfield
MAY, W. & T.	May, Sheffield (428)
MEASURES BROS, LD	Measures, London (4586)
MELDRUM BROS	Meldrum, London
" "	" Leeds (Nat., 1391),
" "	" Manchester (Nat., 1674)
MESSENGER & CO.	Heating, Loughborough
"	Nonplussed, London
METALLIC PAVING AND ARTIFICIAL STONE CO., LD	Ferriferous, London.
MILES, E & A, LD	Miles, Limited, Guildford.
MITCHELL, INMAN, & CO	Inman, London (6797)
MOFFATT & EASTMEAD	Hoistway, London
MOORE, J, & SONS	Glassvents, London
MORELAND, R., & SONS	Expansion, London (6784)
MORRIS, GEORGE	Morris, Engineer, Beeston.
MURAL DECORATIONS CO.	Apostrophe, London.
MURDOCH & CAMERON	Progressive, Glasgow
"	Murdoch, Bucklersbury, London
MUSGRAVE & CO., LD.	Musgrave, Limited, Belfast.

Name.	Telegraphic Address and Telephone Number.
N A P, CASEMENT CO, THE	Fenestrule, London (A B C Code 3336)
" WINDOW CO, THE	" " "
NEWMAN & SONS	Checks, Birmingham (920)
NEWTON, J, & CO	Vastness, London.
NEWTON, CHAMBERS, & CO., LD.	Newton, Sheffield.
NORTH BRITISH PLUMBING CO LD	Ductility, London
NORTH OF ENGLAND ASPHALTE CO	Limmer, Manchester (2352)
NORTH OF ENGLAND SCHOOL FURNISHING CO, LD, THE	Scholastic Darlington.
NORTHWOOD, A & C.	Northwoods, Birmingham.
OAKELEY SLATE QUARRIES CO., LD.	Nudlop, London (3028)
OATES & GREEN, LD.	Bricks, Halifax (Nat., 174)
ODLING (ANSELM) & SONS	Odling, London. St Katherine's Dock, 11545; Battersea Dock, 9081
ORMROD, JAS., & SONS, LD	Merchants, Bolton (New 45)
OTIS ELEVATOR CO, LD	Lyndentree, London (1710).
OUTRAM, C W., & CO.	Outram, Woodville
PALATINE ENGINEERING CO, LD	Waste, Liverpool (5936).
PAPE, WILLIAM	Pape, Leeds (761).
PARAGON PATENT GLAZING AND ROOFING CO	Paragon Glazing, Smethwick
PARKERS, LD.	Joinery, Birmingham (478)
PARKFIELD BRICK CO	Parkfield, Birmingham.
PARRY, H., & CO.	Lias, Kirton-Lindsey.
PATENT WIRE WOVE WATERPROOF ROOFING CO, LD, THE	Unaffected, London.
PATTESON, J & H	Patteson, Manchester (1201).
PEACE & NORQUOY	Partitions, Manchester (3085).
PEAKE, THOMAS	Peake, Tunstall, Staffs (506)
PEARCE, JOHN	Stonecleve, Portland.
PEARCE, WM, LD	Glass, Birmingham (371)
PEARSON, R. H & J LD	Hardened, London
PEEBLES, D B, & CO.	Peebles, Leith
[illegible] & CO.	Allegretto, London
PENNYCOOK PATENT GLAZING AND ENGINEERING CO LD, THE	Pennycook, Glasgow (1285).
PERKINS, A M, & SON, LD	Arktos, London
PERRY & CO.	Periphery, London.
PHILLIPS, A. J, & CO	Phillips, Guildhall Chambers, E C
PHŒNIX FIREPROOF FLOORING CO	Fireproof, Manchester.
PICKERINGS, LD.	Pickerings Stockton-on-Tees. (4544).
PICKUP, J H., & CO, LD.	Pickup, Bury. Telephone 25 Bury, 133, Bolton, and 112, Ramsbottom
PILKINGTON & CO.	Polonceau, London
PILKINGTON BROS.	Pilkington, St Helen's (3)
PLASTIC DECORATION & PAPIER MACHE CO., LD, THE	Plastic, London (2677)
PORCELAINE TILE CO.	Porcelaine, Cobridge (Nat, 142)
PORTMADOC SLATE CO	Snowdon, Portmadoc.
PORTWAY, CHAS, & SON	Portway, Halstead
POTTERTON, THOS.	Potterton, London.
POULTON & SON	Poulton, Reading (265)
PRESTAGE & CO	Prestage, Broseley
PRICE, GEO., LD	Price, Ld., Wolverhampton.
REID, FERENS & CO.	(P O Telephone, 529 Newcastle, and 20 Sunderland)
RENDLE, W. E., & CO	Glazing, London.
RITCHIE, C., & CO	Heating, Edinburgh.
ROBERTS, ADLARD, & CO.	Dralda, London.

Name	Telegraphic Address and Telephone Number.
Rosser & Russell, Ld.	Lesorus, London (35210, Offices; and 7331, Works, Hammersmith).
" "	" Birmingham.
Rottmann & Co	Squadron, London
Rownson, Drew & Co.	Rownson, London (1901).
Royce, F. H., & Co., Ld.	Switch, Manchester (772 National, 1128 New).
Russell, Robert, & Sons	Russell, Derby (52).
St. Pancras Ironwork Co.	Equitation, London (7519)
Sankey, J. H., & Son	Sankey, Canning Town (5220)
Saunders, S	Warmth, Manchester (2866)
Schmidt, C. M.	Adornment, London.
Scott, E., & Mountain, Ld.	Esco, Newcastle-on-Tyne (432)
Self Lock Roofing Tile Co.	Weatherwise, London.
Shanks & Co	Shanks, Barrhead (7)
Sharpe Bros. & Co.	Sharpe, Swadlincote.
Shaw, W., & Co	Wishaw, Birmingham (377).
Shorland, E. H., & Bro	Warming, Manchester. (Nat., 2188)
Sills, Wm.	Sills Mansfield
Simpson, W. B., & Sons	Ornatores, London
Skey, G., & Co., Ld	Skey, London
" "	" Tamworth.
Skinner, A. H., & Co.	Heating, Bristol
Slater, J., & Co.	Triad, London (2715).
Smith, A., & Stevens	Hydraulics, London.
Smith Jonas & Co.	Moulding, London (4695)
" "	Pinetree, Liverpool.
Somerset Trading Co., Ld., The	Somerset, Bridgwater (Nat., 9)
Stanley Bros.	Stanleys, Nuneaton (12).
Stannah, J	Lifts, London
Steinitz & Jefferiss	Jefferiss, London
Stevens, E. W.	Stevens, Engineer, Taunton
Stones, John	Stones, Rosside, Ulverston.
Stuart's Granolithic Stone Co., Ld.	Granolith, London (5440)
" " "	" Edinburgh
Suffling & Sons	Obtainable, London.
Summerscales & Sons, Ld	Phœnix, Keighley,
Swan, J. C., & Partners	Cement, Jarrow
" "	Swan, Newcastle (National – Jarrow, 2777, Newcastle, 1208, G. P. O.—Newcastle 198)
Szerelmey, N. C., & Co.	Szerelmey, London.
Taylor & Brooker	Taylor, Dorking
Taylor, J. W., Ld	Rational, Bolton (Nat., 159)
Teale Fireplace Co., The	Hob, Leeds (618)
Temple, Rogers, & Co.	Temple, Canon's Marsh, Bristol (27).
Thom, John	Thom, Patricroft
Tickle, R. G., & Son	Blackstock, Liverpool (Nat., 420)
Tilberthwaite Green Slate Co.	Slate, Kendal
Tildesley, J	Tildesley, Darlaston.
Tonks, Ld.	Brass, Birmingham
"	Inferno, London.
Treggon & Co.	Treggon, London.
Trickett, S., & Sons	Corsehill, London
Tucker, G., & Son	Tucker, Loughborough

Name	Telegraphic Address and Telephone Number.
Twyford, T. W.	Twyford, Hanley (Nat., 45)
Ulverston Shutter & Lift Co., Ld.	Hydraulic, Ulverston
United Asbestos Co., Ld.	Inconsumable, London
Val de Travers Asphalte Paving Co., Ld.	Traversable, London (1228).
Van Straaten, M.	Puchapat, London
Vaughan & Brown	Vaughan Brown, London.
Veronese, Ld.	Veronese, London.
Walker & Worsey	Triumph, Birmingham (1381)
Walker, E., & Co.	Walkers, Patentees, Heckmondwike.
Walker, Henry, & Son, Ld.	Reklaw, Newcastle-on Tyne (503 P.O.; 1354 National)
Walton, F., & Co., Ld.	Lincrusta - Walton, London 3769
Ward, B., & Co	T[illegible]a, London.
Waring, S. J., & Sons	Warison, London (3760).
Warner J., & Sons, Ld	Big Ben, London.
Waygood, R., & Co	Waygood, London (4760)
Wel[illegible] & Co	Faience London
Webber & Pangbourne	Pangbourne, Easton Portland
Weeks & Co.	Hortulanus, London (8728)
Westminster Patent Flooring Co.	Flooring, Lots Road, Chelsea 8867
Wheatly & Co.	Wheatly, Trentvale.
Whitehead J., & Sons	Sculptors Aberdeen
" "	" London (3178)
White, W.	Hygeian, Abergavenny
Whitfield, F., & Co	Safes, Birmingham (641).
" "	" London
Whitwick Colliery Co., Ld.	Whitwick Colliery, Coalville.
Wilkins, H. W., & Sons	Statuary, London.
Willesden Paper and Canvas Works	Impermeable, London.
Williams Alfred, & Co.	Ventulus, London.
Williams Bros & Co.	Casements, Chester.
" "	Kaleyards, London.
Williams & Watson	Glassman, Liverpool (1520).
Wippell Bros. & Row	Wippell Bros., Exeter
Witcombe & Son	Witcombe, Maidstone.
Wontner-Smith, J., Gray & Co.	Warming, London
Wood Block Flooring Co.	Edaphos, London (15074)
" " "	" Manchester.
Woollams, W., & Co	Woollams, London (A. B. C Code used.)
Woolliscroft, Geo., & Son	Woolliscroft, Hanley.
Wragge, Geo.	Casements, Manchester (Nat., 2206)
Wright, G., & Co	Maypole Rotherham.
" "	" London (1921).
Wright, J., & Co.	Wright New Malden.
Wright, Jas., & Sons	Right, Aberdeen.
" "	Quantities, London.
Wylie & Lochhead, Ld	Lochhead, London (3839)
Wyndham, H.	Wyndham, Ruabon,
Youden, John, & Co.	Youden, Glasgow (1278)

Key to Telegraphic Addresses.

Abednego, London	Fawcett, Mark, & Co.
[illegible]nego, Liverpool ..	Fawcett, Mark, & Co
[illegible]inian, London	Legrand & Sutcliffe
[illegible]	Drake & Gorham
Adamant, Birmingham ..	Adamant Co., Ld., The
Adamantine, Little Bytham	Adamantine Clinker Works
Adopted, London	Grover & Co
Adornment, London . ..	Schmidt, C. M.
Affleck, Aberdeen . ..	Henderson & Webster
[illegible] ..	Albion Clay Co., Ld.
Aldridge [illegible], Walsall [illegible] ..	Aldridge Colliery Co., Ld.
Alfred Chapman London ..	Chapman, Alfred, & Co.
Allegretto, London ..	Peirson & Co.
Anaglypta, Darwen . ..	Anaglypta Co., The
Anaglypta, [illegible]	Anaglypta Co., The
Anderson, Belfast	Anderson, D., & Son, Ld.
Apostrophe, London ..	Mural Decorations Co
Arktos, London	Perkins, A. M & Son, Ld
[illegible]	Ashbee, Sons, & Co.
Asphalte, Liverpool	Atkin, Geo., & Co.
Astragal, London	British Challenge Glazing Co., Ld
Attwoods, Stourbridge ..	Attwood, J
[illegible] ..	Baldwin, Son, & Co., Ld
[illegible] .	Hollis, Bros., & Co.
[illegible] .	Banner Sanitation Co
Barbells, Birmingham ..	Harwell James
Barbotine, London .. .	Carter, A. T. S.
Barker, Broadway, Hammersmith .. .	Barker, Fred. W.
Barnards, Norwich	Barnard, Bishop, & Barnards, Ld
Barnards, London	Barnard Bishop, & Barnards, Ld
Bastin, London	Bastin, E. P
Bastin, Rowlands Castle ..	Bastin, E. P.
[illegible] ..	Bayliss, Jones & Bayliss
[illegible], Glasgow ..	Malloch, C. & J
[illegible] ..	Drew-Bear, Perks & Co.
Beddows, Wal[illegible]lwood ..	Beddow, John, & Sons
Bells, Smethwick .. .	Carr, Chas
Benfro, London	Benham & Froud, Ld.
[illegible] ..	Benham & Sons
Bessemer, Leeds .	Leeds Steel Works, Limited
Big Ben, London	Warner, J., & Sons, Ld.
[illegible] .	Blackburn, J.
Blackler, St. Mary Church, [illegible] .. .	Blackler A. W., & Son
Blackstock, Liverpool ..	Tickle, R. G., & Son
[illegible] .	Baden & Co.
Blanchard, Bishops Waltham	Blanchard, M. H., & Co
Blezards Guy, Padiham ..	Blezard, James, & Sons
[illegible], Halifax . ..	Hartley & Sugden, Ld.
Bourtreehill, Dreghorn ..	Bourtreehill Coal Co
Bowstone, Maidstone ..	Bowstone Co., The
Boyd Paisley	Boyd, J., & Sons
Bracketing London ..	Farrar E., & Co.
Bradf[illegible], London . ..	Bradford, Thos., & Co.
[illegible] Birmingham	Tonks, Limited
Bricks, Halifax . ..	Oates & Green, Ld.
Broad & Co., London ..	Broad & Co
Buick, Alloa	Buick, C., & Sons
Calcorion, London	Lignomur & Calcorion Co.
Cameron, Kirkintilloch	Cameron & Roberton
Candy, Bovey Tracey ..	Candy & Co Ld.
Canterra, London	Land, J & H.
Carter's Pottery, Poole ..	Carter & Co
Cartlands, Birmingham	Cartland, J., & Son
Cartlands, London . ..	Cartland, J., & Son
Casements, Chester ..	Williams Bros., & Co.
Casements, London.. ..	Bart & Potts
Casements, Manchester ..	Wragge, Geo
[illegible], London ..	London Asbestos Co.
Cement Jarrow	Swan, J C & Partners
Chance, Smethwick.. ..	Chance Bros., & Co., Ld.
[illegible]ecks, Birmingham ..	Newman & Sons
[illegible] London ..	Adamant Co., Ld., The
Chubb, London . ..	Chubb & Sons' Lock & Safe Co., Ld.
Clark Wolverhampton ..	Clark, T & [illegible], & Co.
[illegible], London . ..	Hayward & Son
[illegible] Hanley	Dimmock, J., & Co.
Cliffs, London	Cliff, J., & Sons
Cliffs Wortley, Leeds .	Cliff, J., & Sons
[illegible] London .	Harling, W. H.
Colledge, Wolverhampton	Colledge & Bridgen
Collier Reading . ..	Collier S. & E
Comyn Ching, London ..	Comyn Ching & Co
Concrete, Leeds	McFarlane, S
Conservatory, Birmingham	Henry Hope
[illegible]antine's Baths, Manchester . ..	Constantine, J., & Son
[illegible] ..	Cordelova Co., Ld.
Corrugated Liverpool ..	Blakeley, E. F., & Co.
[illegible] London .	Trickett S., & Sons
Courteous, London.. ..	Braby, F., & Co., Ld
Cradle, Coventry ..	Harrington, Latham & Co
Craig, Kilmarnock ..	Craig, J & M., Ld
Craven, Jackfield .. .	Craven, Dunnill & Co., Ld
Craven, Lincoln's Inn, Birmingham .. .	Craven, Dunnill & Co., Ld
Cresswell H[illegible]dersfield	Broadbent, J. C., & Co., Ld.
Cribb, Leeds	Marsh, Jones & Cribb
Cripps, Bristol	Gooddy, Cripps & Sons, Ld

Crittall, Braintree ..	Crittall Manufacturing Co.,Ld.
Darby, Coalbrookdale ..	Coalbrookdale Co., Ld.
Deflammo, London .. .	Fireproof Construction Co.
Degrelle, London ..	De Grelle, Houdret & Co.
Densham, St. John's Wood	Densham & Sons
Deridder, Liverpool .	De Ridder, R P.
Derwent Foundry, Derby..	Derwent Foundry Co.
Desks London	Bennet Furnishing Co.
Diaphragm, London	Lambeth Brass & Iron Co.,Ld.
Dinning, Newcastle ..	Dinning & Cooke
Diurnation, London .	Hart, Son, Peard & Co , Ld
Divisible, London .. .	Banks' Fireproof Construction Syndicate, Ld.
Donbowes, London	Bowes Scott & Western, Ld.
Doughty, Jackfield ..	Doughty, John, & Sons
Dowelled, London	Acme Wood Flooring Co., Ld.
Dralda, London	Roberts, Adlard & Co.
Ductility, London	North British Plumbing Co , Ld
Dulcedo, London	Downes, J. J.
Dunnill, Maddox Street London	Craven, Dunnill & Co , Ld.
Ebners, London	Ebner, J. F
Edaphos, London	Wood Block Flooring Co., The
Edaphos Manchester .	Wood Block Flooring Co , The
Educational, London	Educational Supply Association, Ld
Edwards, Ruabon .. .	Edwards, J. C.
Egyptian, London ..	Easton, Anderson & Goolden, Ld.
Elcho, Leicester	Ellis, Partridge & Co.
Ellis, Leicester .. .	Ellis, J , & Sons, Ld.
Emley Newcastle-on-Tyne	Emley & Sons, Ld
Equitation, London.. ..	St. Pancras Iron Work Co.
Esco, Newcastle-on-Tyne..	Scott, E., & Mountain, Ld.
Euterpe, London .. .	Essex & Co
Exley, Broseley	Exley, Wm. & Sons
Expansion, London	Moreland, R , & Sons
Eyeball Kirkintilloch ..	McNeill, F., & Co.
Eyeball, Liverpool.. ..	McNeill F , & Co.
Eyeball, London . ..	McNeill, F , & Co
Faience London .. .	Webb & Co.
Fambrini, Lincoln	Fambrini & Daniels
Feltings London . .	Engert & Rolfe, Ld.
Fencing, Brierley Hill ..	Hill & Smith
Fenestrule, London .	N. A. P Casement Co., The
Fenestrule, London .	N. A. P. Window Co., The
Fenestrule, London .	British Fireproof Construction Co
Ferriferous, London ..	Metallic Paving & Artificial Stone Co., Ld.
Field Leith	Field & Allan
Fireproof, Manchester .	Phoenix Fireproof Flooring Co.
Flooring, Lots Road Chelsea	Westminster Patent Flooring Co
Froghall, Aberdeen ..	McDonald, Chas.
Gardsons, Bristol	Gardiner, Sons & Co.
Garvie, Rose St , Aberdeen	Garvie, J., & Son
Gaseries, London	Fletcher, Russell, & Co., Ld
Gaseries, Warrington ..	Fletcher, Russell, & Co., Ld
Genuine, London	Gregory, T , & Co
Gibbons Wolverhampton .	Gibbons, J.
Glass, Birmingham .. .	Pearce, Wm , Ld.
Glassman, Liverpool	Williams & Watson
Glassvents, London	Moore, J., & Sons
Glazing London .. .	Rendle, W. E., & Co.
Glazing, Huddersfield .	Heywood, W H., & Co,
Goddards Farnham	Goddard & Sons
Godwin, Withington, Hereford	Godwin & Sons
Goddy Cripps, Liverpool..	Gooddy, Cripps & Sons, Ld
Gooddy, London	Gooddy, Cripps & Sons, Ld.
Gothic, Birmingham ..	Glover, T., & Co.
Gothic, Bristol	Glover, T , & Co
Gothic, London .. .	Glover, T , & Co.
Gothic, Manchester ..	Glover, T , & Co.
Grandson London	Gray, J W , & Son
Granolithic, Edinburgh ..	Stuart's Granolithic Stone Co., Ld.
Granolithic London	Stuart's Granolithic Stone Co., Ld
Grates, Edinburgh	Gray, Jas , & Son
Gray, Chelsea, London ..	Gray, James
Greaves, Warwick	Greaves, Bull, & Lakin
Greaves, Birmingham ..	Greaves, Bull & Lakin
Guest, Rotherham ..	Guest & Chrimes
Haden, Trowbridge . ..	Haden, G N , & Sons
Hall, Swadlincote	Hall & Boardman, Ld.
Hamblet, West Bromwich	Hamblet, J
Hardened, London	Pearson, R H & J., Ld
Hartshill, Stoke-on-Trent	Hartshill Brick & Tile Co.
Heat, Stourbridge	Jones & Attwood
Heating Bristol	Skinner, A. H , & Co.
Heating, Edinburgh ..	Ritchie, C., & Co.
Heating, Loughborough ..	Messenger & Co.
Helliwell, London.. ..	Helliwell & Co , Ld.
Herringbone London ..	Damman & Washer & Co.
Hobbs Hart, London ..	Hobbs, Hart & Co , Ld.
Hob, Leeds	Teale Fireplace Co , The
Hoistway London	Moffatt & Eastmead
Holmes Engineers Norwich . . .	Holmes & Sons, Ld.
Holt, Laisterdyke ..	Holt, W. F. S.
Homan Rodgers London ..	Homan & Rodgers
Horticultural London .	Weeks & Co.
Hothouse, Edinburgh ..	Mackenzie & Moncur
Hottest, London	Jones & Attwood
Hudson [illegible] .	Hudson, Thos.
Hydraulics, London ..	Smith, A., & Stevens
Hydraulic, Ulverston ..	Ulverston Shutter & Lift Co., Ld.
Hygeian, Abergavenny ..	White, W.
Hygiastic London	Hendry & Pattisson
Ideal, Liverpool	Killick & Cochran
Impermeable, London ..	Willesden Paper and Canvas Works
Inconsumable, London ..	United Asbestos Co Ld.
Inferno, London	Tonks, Ld
Inman, London . ..	Mitchell, Inman, & Co.
Interceptor, Cardiff ..	Couzens, G. & F.
Inwrought, London.. ..	Aston, G , & Son
Iron, Leicester	Ashwell & Nesbit
Iron, Madeley, Salop ..	Madeley Wood Co.
Ironworks, Edinburgh .	Bell, P , & Son
Itter, Old Fletton.. ..	Itter, A. W.
James Hill, London.. .	Hill, James & Co.
James Keith, London .	Keith, James
James Keith, Arbroath ..	Keith, James
Jefferiss, London	Steinitz & Jefferiss
Joberns, Walsall Wood ..	Joberns, J , & Co.
John Grundy, London .	Grundy, J.
Joinery, Birmingham ..	Parker's Ld.
Jones, Jackfield	Jones, W. & P
Joscliffe [illegible] ..	Cliff, J., & Sons
Kaleyards London ..	Williams Bros & Co.
Kelvin, Glasgow .. .	Main, A. & J., & Co , Ld.
Kelvin, London	Main, A. & J , & Co , Ld.
Kenworth Liverpool .	Acme Ventilating & Heating Co.
Killers, Middleton, Wirksworth	Killer Bros
King Co., Lye	King, Jos , & Co.
Lascelles London . .	Lascelles, W. H , & Co.

LEA, TUNSTALL	Lea & Boulton
LEBROYLE, MANCHESTER	Leech Bros. & Co.
LEE, BRISTOL	Lee, Arthur, & Bros., Ld
LEBORUS, BIRMINGHAM	Rosser & Russell, Ld
LEBORUS, LONDON	Rosser & Russell, Ld.
LIAS, KIRTON LINDSEY	Parry, H., & Co.
LIAS, LONDON	Greaves, Bull, & Lakin
LIFTS, LONDON	Stannah, J.
LINE, LIVERPOOL	Ingram & Clarke
LIMMER, LONDON	Limmer Asphalte Paving Co Ld
LIMMER, MANCHESTER	North of England Asphalte Co
LINARIUS, LONDON	Line, J, & Sons
LINCRUSTA WALTON, LONDON	Walton, F., & Co., Ld.
LINE, READING	Line, J, & Sons
LLOYD S, BIRMINGHAM	Lloyd & Lloyd
LOCHHEAD, DUNFERMLINE	Bourtreehill Coal Co
LOCHHEAD, LONDON	Wylie & Lochhead, Ld.
LOCKFAST, LONDON	Bayliss, Jones & Bayliss
LOCKSMITH, LONDON	Hermann, H, Ld.
LONDON, BETTWS-Y-COED	Bettws-y-Coed Slate Co
LONGLEY, CRAWLEY	Charteris & Longley
LORNE, ABERDEEN	McIntosh & Rae
LUMBY, HALIFAX	Lumby, Son, & Wood, Ld.
LYNDENTREE, LONDON	Otis Elevator Co., Ld
MACANDREWS, BUILDERS, ABERDEEN	Macandrew, D., & Co.
MAINZER, LONDON	Mainzer & Co., Ld.
MALKIN, EDGE, BURSLEM	Malkin, Edge & Co
MARTYN, SUNNINGEND, CHELTENHAM	Martyn, H H, & Co.
MASONRY, LONDON	Fenning & Co.
MATTISON, [illegible]	Mattison, F, & Co
MAW, JACKFIELD	Maw & Co, Ld
MAY, SHEFFIELD	May, William & Thomas
MAY[illegible], LONDON	Wright, Geo, & Co
MAYPOLE, ROTHERHAM	Wright, Geo, & Co
MEASURES, LONDON	Measures Bros, Ld.
MELDRUM, LONDON	Meldrum Bros
MELDRUM, LEEDS	Meldrum Bros
MELDRUM, MANCHESTER	Meldrum Bros
MERCHANTS, BOLTON	Ormrod, James & Sons, Ld.
MILES, [illegible], GUILDFORD	Miles, E & A, Ld.
M[illegible] ENGINEER, BEESTON	Morris, Geo
M[illegible], LONDON	Smith, Jonas, & Co
MURDOCH, BUCKLERSBURY, LONDON	Murdoch & Cameron
[illegible] LD., BELFAST	Musgrave & Co., Ld.
NAMOH, MANCHESTER	Homan & Rodgers
NEWTON, SHEFFIELD	Newton, Chambers, & Co, Ld
NONPLUSSED, LONDON	Messenger & Co
NORTHWOODS, BIRMINGHAM	Northwood, A. & C.
NUDLOP, LONDON	Oakeley Slate Quarries Co., Ld
176, REGENT ST., LONDON	Eagle Range and Foundry Co, Ld., The
OBTAINABLE, LONDON	Suffling & Sons
ODLING, LONDON	Odling (Anselm) & Sons
OOLITE, BATH	Bath Stone Firms Ld, The
OOLITE, LONDON	Bath Stone Firms, Ld, The
ORHAM, GLASGOW	Bennet Furnishing Co.
ORNATORES, LONDON	Simpson, W. B, & Sons
OUTRAM, WOODVILLE	Outram, C. W., & Co.
PANGBOURNE, EASTON, PORTLAND	Webber & Pangbourne
PAPE, LEEDS	Pape, William
PARAGON GLAZING, SMETHWICK	Paragon Patent Glazing and Roofing Co.
PARKER, WOODSTOCK	Parker, John
PARKF[illegible], BIRMINGHAM	Parkfield Brick Co.
PARTITIONS, MANCHESTER	Peace & Norquoy
PATTESON, MANCHESTER	Patteson, J & H.
PEAKE, TUNSTALL, STAFFS	Peake, T
PEEBLES, LEITH	Peebles, D B., & Co.
PENNYCOOK, GLASGOW	Pennycook Patent Glazing and Engineering Co, Ld.
PERIPHERY, LONDON	Perry & Co.
PHILLIPS, GUILDHALL CHAMBERS, E C.	Phillips, A. J., & Co
PHENIX, KEIGHLEY	Summerscales & Sons, Ld.
PICKERINGS, STOCKTON-ON-TEES	Pickerings Ld
PICKUP, BURY	Pickup, J. H., & Co., Ld.
PILKINGTON, ST. HELENS	Pilkington Bros
PINETREE, LONDON	Smith, Jonas, & Co
PITCHPINE, LONDON	Finsbury Drawing Office, The
PLASTIC, LONDON	Plastic Decoration and Papier Mache Co, Ld, The
PLATERACK, LONDON	Ashwell & Nesbit
P[illegible], LONDON	Pilkington & Co.
PORCELAIN, COBRIDGE	Porcelain Tile Co.
PORTWAY, HALSTEAD	Portway, Charles, & Son
POTTERIES, WOMBWELL	Hoyland E & J.
POTTERTON, LONDON	Potterton Thos.
POULTON, READING	Poulton & Son
PRESTAGE, BROSELEY	Prestage & Co
PRICE, LD, WOLVERHAMPTON	Price, Geo., Ld.
PROGRESSIVE, GLASGOW	Murdoch & Cameron
PROMPTITUDE, LONDON	Blackwall Galvanized Iron Co, Ld
PROTEUS, LONDON	Bratt, Colbran, & Co
PUCHAPAT, LONDON	Van Straaten, M
QUALITY, LIVERPOOL	Currie, H F, & Co
QUANTITIES, LONDON	Wright, James, & Sons
RATIONAL, BOLTON	Taylor, J. W. Ld
R[illegible], LONDON	Carton Pierre & Fibrous Plaster Co
REKLAW, NEWCASTLE-ON-TYNE	Walker, Hy., & Son, Ld.
RIGHT, ABERDEEN	Wright, Jas., & Sons
ROBERT ADAMS, LONDON	Adams, R.
ROOFING, LIVERPOOL	Dixon, I, & Co.
ROWNSON, LONDON	Rownson, Drew & Co
RUSSELL, DERBY	Russell Robert, & Sons
SAFES, BIRMINGHAM	Whitfield, F, & Co.
SAFES, LONDON	Whitfield, F, & Co.
SANKEY, CANNING TOWN	Sankey, J H., & Son
SCHOLASTIC, DARLINGTON	North of England School Furnishing Co, Ld, The
SCULPTORS, ABERDEEN	Whitehead, J, & Sons
SCULPTORS, LONDON	Whitehead, J, & Sons
SEVERNDALE, LONDON	Coalbrookdale Co, Ld.
SEWERAGE, LONDON	Albion Clay Co, Ld.
SHANKS, BARRHEAD	Shanks & Co
SHARPE, SWADLINCOTE	Sharpe Bros. & Co.
SHUTTERS, MANCHESTER	Mallinson, Wm
SILENS, BRADFORD	Leggott, W. & R, Ld.
SILICA, LIVERPOOL	Graves' Patent Roofing Co.
SILLS, MANSFIELD	Sills, William
S[illegible], WIRKSWORTH	Hopton Wood Stone Co Ld.
SKEY, LONDON	Skey, G, & Co, Ld.
SKEY, TAMWORTH	Skey, G, & Co, Ld.
SLAG, MIDDLESBORO'	Hutchinson Bros
SLAGWOOL, LONDON	Jones, F., & Co
SLATE, ELTERWATER	Elterwater Green Slate Co., Ld.
SLATE, KENDAL	Tilberthwaite Green Slate Co
SOLAR, NEWCASTLE-ON-TYNE	Ashwell & Nesbit
SNOWDON, PORTMADOC	Portmadoc Slate Co
SOMERSET, BRIDGWATER	Somerset Trading Co, Ld, The
S[illegible], LONDON	Rottmann & Co
STANLEYS, NUNEATON	Stanley Bros
STAR, HANLEY	Johnson Bros.
STATUARY, LONDON	Wilkins H. W, & Sons
STEVEN BROS., LONDON	McDowall, Steven, & Co., Ld.

Stevens, Engineer, Taunton	Stevens, E. W.
Stonecleave, Portland ..	Pearce, John
Stones, Rosside, Ulverston	Stones John.
Sun, Glasgow.. .. .	Smith, Geo., & Co , Ld.
Supplies, Glasgow ..	Cousland & Mackay
Swaine Bourne, Birmingham	Bourne (Swaine), & Son
Swan, Newcastle	Swan, J C , & Partners
Switch, Manchester ..	Royce, F. H., & Co., Ld
Syphon Stoves, London ..	Clark, S., & Co.
Szerelmey, London . ..	Szerelmey, N. C., & Co.
Taylor, Dorking	Taylor & Brooker
Temple, Canon's Marsh, Bristol	Temple, Rogers & Co.
Thistle, Armley .. .	Mathieson, Wilson & Co
Thom, Patricroft	Thom, J.
Thorough, Banbury .. .	Bloxham, W J
Tildesley, Darlaston .	Tildesley, J
Tileries Maidenhead ..	Cooper, J. K., & Sons
Tonnerre, London	Anderson, R., & Co.
Traversable, London ..	Val de Travers Asphalte Paving Co , Ld
Treggon, London ..	Treggon & Co.
Triad, London .	Slater, J., & Co.
Triumph, Birmingham .	Walker & Worsey
Trowelled, London.. .	Charteris & Longley
Tucker, Loughborough	Tucker, G., & Son
Tufa, London.. ..	Ward, B , & Co.
Twyford, Hanley	Twyford, T. W
Tylerox, London .	Hayward Tyler & Co.
Ulster, London	Anderson, D , & Son, Ld
Unaffected, London ..	Patent Wire-wove Waterproof Roofing Co., Ld , The
Unbleached, London ..	Broadbent, J. C., & Co , Ld
Vastness, London	Newton, J., & Co.
Vaughan, Brown, London ..	Vaughan & Brown
Ventilation, Glasgow ..	Key, Wm
Ventilation, Liverpool ..	Gibbs, John, & Son
Ventilator, Halifax ..	Bedford, James, & Co., & Hill & Hey
Ventilator, Mosesgate .	Howorth & Co
Ventilators, London .. .	Williams, Alfred, & Co.
Veronese, London	Veronese, Limited
Vitreous, London .. .	Candy & Co , Ld.
Vowel, Manchester .	Bradford, Thos , & Co
Vowel, Liverpool	Bradford, Thos , & Co
Wacran, Manchester ..	Fletcher, Russell, & Co., Ld.
Walkers, Patentees, Heckmondwike..	Walker, E., & Co.
Wallpaper, London .	Jeffrey & Co
Warison, London ..	Waring, S. J , & Sons
Warming, London	Wontner Smith, J Gray & Co.
Warming, Manchester ..	Shorland, E H , & Bros.
Warmth, Manchester	Saunders, S.
Waste, Liverpool	Palatine Engineering Co , Ld
Waygood, London	Waygood, R. & Co
Weatherproof, London ..	Indestructible Paint Co , Ld.
Weathervane, London .	Lewis, J
Weatherwise, London ..	Self Lock Roofing Tile Co
[illegible], Derby ..	Kitchen & Co , Ld.
Wemyss, Mitcheldean ..	Colchester, Wemyss, & Co , Ld.
Wheatly, Trentvale ..	Wheatly & Co.
Whitwick Colliery, Coalville	Whitwick Colliery Co., Ld
Winton, Glasgow .. .	Galbraith & Winton
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[illegible], Birmingham	Shaw, W., & Co.
Witcombe, Maidstone	Witcombe & Son
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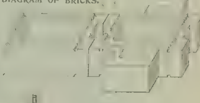
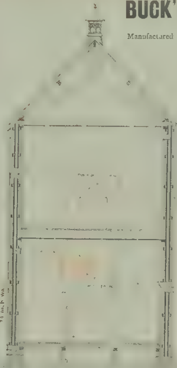
BUCK'S PATENT TUBULAR BRICKS.

For the Improvement in Hollow Walls.

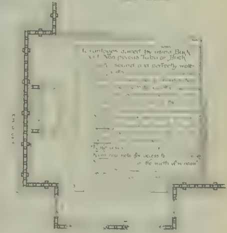
Manufactured by Messrs. STANLEY BROS, Ltd., Nuneaton, and other Firms

DIAGRAM OF BRICKS.

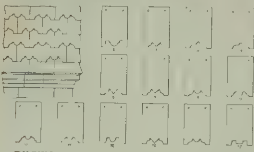




SECTION

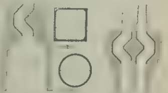


PLAN OF ROOM



BUCK'S PATENT WEATHER TILES. These Tiles are made in fifteen different patterns, each Tile has the side edges the full length of an ordinary tile, the pattern not interfering with the side edges, thus securing a perfect weatherproof joint. For finishing the angles, a tile with a mitred edge and half plain tiles are made.

Manufactured by Messrs. GEO. LEGGE & SONS, Madeley Salop, and Mr. THOS PEAKE, Tunstall, Stoke-on-Trent, and other Firms.



BUCK'S PATENT CHIMNEY FITTINGS

[illegible] Down Draughts and Smoky Chimneys

These Fittings are made in Stone-ware—square or round in section to suit any Flue They form the necessary bend in Chimney breast for preventing Down Draughts, and obviating the imperfect gathering [illegible]n of the Flue over Fireplaces. They are also capable of being fixed in Chimney [illegible] and effectually preventing Smoky Chimneys. Manufactured by Messrs. STANLEY BROS, Ltd, Nuneaton, and other Firms.

FARTICULARS & PRICES CAN BE OBTAINED FROM THE PATENTEE WM. BUCK, ARCHITECT, HORSHAM.

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BRICK, TILE, AND TERRA COTTA WORKS,

ROWLANDS CASTLE, HANTS.

Dark Red and Rich Red Facing and Moulded Bricks and Terra Cotta.

THE HOTEL METROPOLE, BRIGHTON.

Architect - ALFRED WATERHOUSE, Esq., R.A., President of the Royal Institute of British Architects

THIS HOTEL is entirely faced with ROWLANDS CASTLE RED FACING BRICKS.

AS IS ALSO THE NEW WING RECENTLY ADDED.

ALSO USED FOR FACING

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LYTHE HILL HOUSE, HASLEMERE	G. Aitchison, Esq., R.A., *Architect*
HACKNEY COLLEGE, LONDON	M. P. Manning, Esq., F.R.I.B.A., *Architect.*
PALACE COURT, BAYSWATER, W.	William Harvey, Esq., *Architect.*
NEW CO-OPERATIVE STORES, PLYMOUTH	H. J. Snell, Esq., *Architect.*
NEW POST OFFICE, BRIGHTON	H. Tanner, Esq., F.R.I.B.A., *Architect*
[illegible], [illegible]ORD, for the Marquis of Sligo	G. Lower, Esq., *Architect.*
“[illegible] BURY,” KING'S WALDEN	Messrs. Beeston & Burmester, *Architects.*
[illegible]LASHAM HALL, HASLEMERE	Do. Do. Do.
MANSION AT HINDHEAD, for Miss James	G. F. Armitage, Esq., *Architect.*
CONVALESCENT HOME, LITTLEHAMPTON	F. Wheeler, Esq., *Architect.*
CONGREGATIONAL CHURCH, LANDPORT	C. W. Bevis, [illegible]
MANSION AT REDHILL, HAVANT, for Major S[illegible]	A. H. Bone, E[illegible]
MANSION AT WITLEY	Messrs. Peak and Lun[illegible]
THE “BEDFORD INSTITUTE,” LONDON	Messrs. E. Saunders and Son, [illegible]

And numerous other Important Buildings at

SOUTHSEA, PORTSMOUTH, BOGNOR, PLYMOUTH, GUILDFORD, GODALMING, EASTBOURNE, BRIGHTON, HASTINGS, BOURNEMOUTH, WIMBLEDON, WOKING, SURBITON, LEEDS, WINCHESTER, CROYDON, [illegible] WIGHT, [illegible]

ILLUSTRATED PRICED CATALOGUE FORWARDED ON APPLICATION.

RICH RED & DARK RED
FACING AND MOULDED BRICKS.

THE Bricks manufactured by me at Rowlands Castle are noted for strength, colour, and good weathering properties. The clay from which they are made is plastic, readily worked, and burns a RICH, RED COLOUR, without the admixture of any colouring matter, having the requisite proportion of oxide of iron naturally incorporated with it. [illegible] does not deteriorate by exposure to the weather; on the contrary, their red colour is more [illegible] throughout. Great care is taken in the preparation of the clays, which, by means of improved machinery, are thoroughly ground and mixed before being made into bricks or other goods.

After being moulded [illegible] carefully dried, the bricks are burnt at a high temperature in specially constructed kilns.

By this means I am able to produce a high class facing brick of a DARK OR RICH RED COLOUR, possessing exceptional non-absorbent and weather-resisting properties, the surface having a soft velvety appearance, which is pleasing to the eye, and does not reflect the glare of the sun.

The Rowlands Castle Bricks, being made from a STRONG TERRA COTTA CLAY, and not from mild loamy material, possess great strength and hardness, and are therefore specially suited for heavy work and high building. Messrs. David Kirkaldy & Son have tested a number of these Bricks, and report that they stood the heavy pressure of over 300 tons per square foot before crushing.

I also manufacture **RUBBING BRICKS**, for gauged work and for carving and cutting, of very superior quality and colour. They are made from specially washed earth, and will be found to work readily.

Moulded Bricks and Terra Cotta can be promptly produced from Architect's own Drawings.

ABRIDGED PRICE LIST.

BEST DARK RED FACINGS, HAND-MADE.	GOOD RED FACINGS.
,, RICH ,, ,,	HARD RED PAVING BRICKS, 2 IN
,, MEDIUM ,, ,,	RICH RED RUBBERS, 10½ INCH.

PRICES OF THE ABOVE ON APPLICATION.

RED MOULDED BRICKS.

PLATE I. 3-INCH MOULDED BRICKS AS HEADERS AND STRETCHERS.

Returns 3d each

Patterns, Nos 1, 2, and 3, per 100	7/6	Moulded Strings, Nos. 25 to 31 per 100	10 6
,, 4 to 22 ,,	9/6	,, ,, 32 to 40 ,,	11 6
,, 23 and 24 ,,	10/6		

PLATE II MOULDED CILLS, JAMBS, PLINTHS, AND COPINGS.

Patterns, Nos 101, 102, and 103	per 100, 10/6	Patterns, Nos. 125, 126, and 127	per 100, 10 6
,, 104, 105, 106, 107, and 108	,, 7/6	Plinths, ,, 128, 130, 131, and 132	each, 4d.
,, 109 and 110	,, 11/6	Copings, ,, 129, 133, 134, and 135	per 100, 7/6
,, 111	,, 25/-	,, ,, 136	each, 3d,
,, 112 to 123	,, 9/6	,, ,, 137 and 138	,, 6d.
,, 124	each, 3d		

PLATE IV PANELS AND KEY BRICKS

Panels, Nos. 1, 2, and 3	each, 7/6	Key Bricks, No 7, 3/6 each; No. 8	each 5
,, No. 4, 18/- each, No. 5	,, 35/-	,, ,, No. 10 and 11, 6/- each; No. 12	each 5
,, No 6, 18/- each; No. 9	,, 30/-	,, ,, No. 14	7 6
Complete Swag, No 13, 40/-			10

PLATE V.—RIDGES AND ROOFING TILES.

Ridges, Nos 2 3, and 4	each 3	Roofing Tiles, plain	per 1000, 34
,, ,, 1	,, 4	Roofing Tiles, wide Tiles for gables, No. 20	per 100, 7 6
,, ,, 5	,, 6	Angles, Hip and Valley Tiles, Nos. 17, 18, and 19	per 100 25
,, ,, 6 to 16	7	Ornamental Tiles, Nos. 21, 22, and 23	per 1000, 36

LARGE STOCK OF FINIALS, CHIMNEY POTS, VASES, GARDEN EDGING, &c., &c

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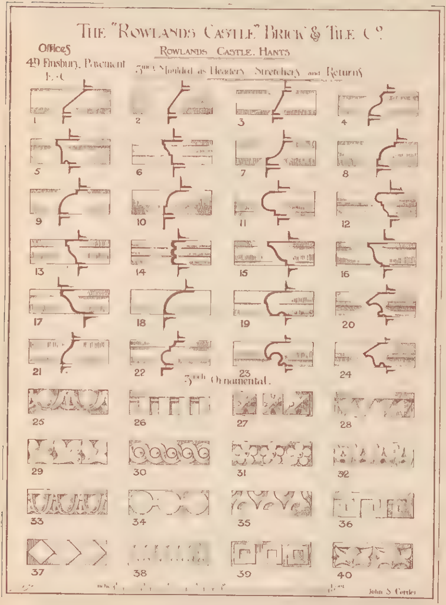
THE "ROWLANDS CASTLE" BRICK & TILE C°
Offices
49 Finsbury Pavement E.C.
ROWLANDS CASTLE, HANTS
Moulded as Headers Stretchers and Returns
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Ornamental.
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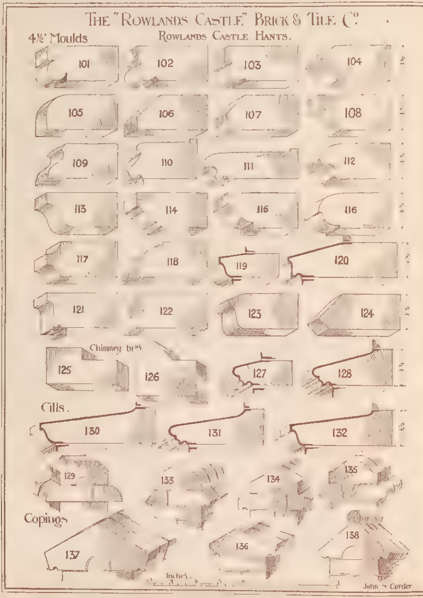
THE "ROWLANDS CASTLE" BRICK & TILE Co.
ROWLANDS CASTLE HANTS.
4½" Moulds
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111
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119
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Chimney brs
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127
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Cills.
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135
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Inches.
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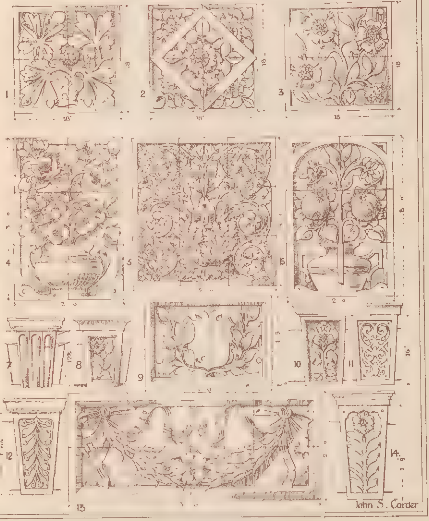

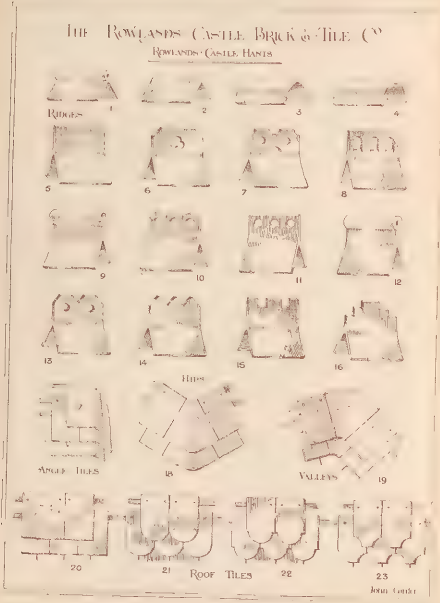
The Rowlands Castle Brick & Tile Co
Rowlands Castle Hants
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12
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Angle Tiles
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Valleys
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Roof Tiles
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"Adamantine," Little Bytham — GOLD AND SILVER MEDALS. — Works Established 1850

This Paving is supplied to HER MAJESTY, H.R.H. PRINCE OF WALES, and other Members of the Royal Family, also to the principal Nobility of this and foreign countries.
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CAUTION. As there are spurious articles in the Market, all Genuine Clinkers are stamped "ADAMANTINE CLINKER" (Registered), we being the original and only makers.

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THE ALDRIDGE COLLIERY CO., LTD.,

ALDRIDGE, NEAR WALSALL.

Manufacturers of Best Blue Staffordshire Bricks,

FOR PUBLIC WORKS AND THE PRINCIPAL RAILWAY COMPANIES.

Also Bricks for Stables, Pavements, Floors, Yards, &c. Copings, Garden Edgings, Kerbings, Mangers, Window Cills, &c.

MANUFACTURERS OF THE WELL KNOWN

"LEIGHSWOOD" PRESSED ROOFING TILES.

Private Sidings connected with L.N.W.R. and M.R.; also by Barge, as Works are on the side of the Birmingham Canal.

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M. H. BLANCHARD & CO.,

(Late COADES, Lambeth, THE ORIGINAL TERRA COTTA WORKS, Established 1769)

TERRA-COTTA MANUFACTURERS TO THE ROYAL FAMILY,

[illegible] the Royal Horticultural Society, and the Department of Science and Art, South Kensington, [illegible] British and Foreign [illegible] and the recipients of Prize Medals at 1851 and subsequent Exhibitions.

M. H. B. & Co. Best Red M. H. B. [illegible] Facing Bricks [illegible] and used in many important buildings [illegible]
Red Moulded Bricks of all kinds to match.
Red Wall Coping Bricks, half round and sharp back (various)
Red Quarries, and Paving Bricks of many descriptions.
Blue Facing and Moulded Bricks.

Blue and other W[illegible]-cut Bricks for Docks, Railways, Culverts, and such like purposes, a speciality. Same as used Southampton New Docks, opened 1895.

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[illegible] Tiles, Red and Blue
Blue Stable Paving and Channel Bricks.
Blue Quarries and Paving Bricks of many descriptions.
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COPINGS, GROOVED STABLE FLOOR AND PLAIN AND CHEQUERED PAVING BRICKS,

KERBS, QUARRIES, RIDGE, ROOF, AND GARDEN BORDER TILES,

STABLE MANGER COPING, CORNICE & MOULDED BRICKS, ALSO

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So largely used in Sewerage, Gas and Railway Work, and every kind required for Building and other purposes.

BARNFIELD, NORTHYWOOD AND VICTORIA BLUE AND RED BRICK AND TILE WORKS,

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These Works adjoin Railway and Canal, whence Goods can be despatched by Rail or Water to any part.

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Contractors to the WAR OFFICE, ADMIRALTY, &c.

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White and Coloured GLAZED BRICKS, and Salt-Glazed Bricks.

ARCHITECTURAL Terra Cotta,

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GLAZED STONEWARE Sewerage Pipes, Gullies, Channels, INTERCEPTORS, &c

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ALL COMMUNICATIONS TO BE ADDRESSED TO POOLE.

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MAKERS OF PETROUS AND EVERY OTHER DESCRIPTION OF TILES.

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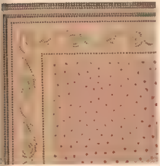

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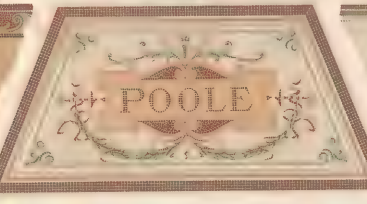
Pattern No. 653

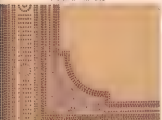
Pattern No. 6?8

Pattern No. 669



Pattern No. 670

Pattern No. 663



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SCALE ¾ INCH TO A FOOT.

QUOTATIONS GIVEN ON RECEIPT OF PARTICULARS OF REQUIREMENTS.

POOLE CARTERS DORSET

Tiles — Tiles.

Makers of the celebrated
PETROUS
& every other description of tiles.

— INCLUDING —

Encaustic & Geometrical Tile Pavements,

MOSAICS, WALL, DADO & HEARTH TILES,

Majolica, Printed, Enamelled, Embossed,

AND HAND-PAINTED TILES,

Also Carters' Unglazed Ceramic Fresco

AND CONSTRUCTIONAL FAIENCE.

DESIGNS AND ESTIMATES SUBMITTED FREE OF COST ON RECEIPT OF PARTICULARS

SPECIALITÉ. Petrous Tiles in Red, Black, Buff, Grey, and Chocolate @ 4/- per square yard at Works.

NOTE. The demand for Carters' Petrous Tiles has grown to such an extent that C. & Co. have been compelled to find a means of supplying the daily increasing orders. They have therefore purchased extensive Works at Hamworthy, established in the year 1854, and carried on for many years by the Patent Architectural Pottery Company. The acquisition of these Works will enable C. & Co. to promptly deal with orders of any magnitude.

THE BROOMHALL TILE AND BRICK COMPANY.

"BROOMHALL"

Registered Trade Mark)

Patent Roofing Tiles.

THESE Tiles [illegible] require stronger roof timbers than is prudently allowed for slates, therefore a great saving can be effected in comparison with the timber required for Broseley Tiles.

They are about 14 degrees cooler than a slate roof in hot weather, and they make a warmer covering in winter.

They form a very secure roof, as they dovetail into each other with a lap of 3½ inches, and every upper tile is nailed. Snow cannot glide off these tiles damage to gutters and roofs below is thus avoided.

The cost fixed complete on the roof by the Company's workmen is about the price of good slating. Estimates given upon receipt of approximate size of roof, and the nearest Railway Goods Station [illegible] where

Extensively [illegible]

PARTICULARS FOR SPECIFICATION.

The roof timbers to be framed as for slates, and the roof to be covered with the Broomhall 3½ inch Lap Tiles, and fastened with copper 2¼ inch nails (marked B. Co.), or with galvanized iron nails. Broomhall glass tiles to be used for lighting [illegible], &c. The tiles, ridge and hip, and fastenings to be supplied by the Broomhall Tile and Brick Company, Bridge House, 181, Queen Victoria Street, London, E.C., and are to be fixed by their workmen.

The following are some of the Buildings covered with the Broomhall Roof Tiles.—

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School at Bristol for 800 children. (E. W. Barnes, Esq., F.R.I.B.A.)
School at Crowborough, Sussex, for the Rotherfield Sch. Brd. (M. B. Teulon, Esq., Ar.)
School at Epsom, Surrey. (J. R. Harding, Esq., A.M.I.C.E., M.S.A.)
Board School, Acton, Middlesex. (Ed. Monson, Esq., Junr., F.R.I.B.A.)
Mansion, Thirsk, Yorkshire. W. E. Mills, Esq., A.R.I.B.A.)
Extension to Royal Hospital, Richmond, Surrey. (Frank J. Brewer, Esq., F.R.I.B.A.)
New Railway Station at Southend-on-Sea. L. T. & Southend Railway.
St. Agatha's Church, Portsmouth. (J. H. Ball, Esq., A.R.I.B.A.)
Residence, Haverstock Hill, London. (J. Gibbons Sankey, Esq., M.A., Archt.)
Bungalow at Bath. (A. S. Goodridge, Esq., A.R.I.B.A.)
Residence at Stanmore. (Messrs. Ernest George and Peto.)
Mansion at Maidstone. (Hubert Bensted, Esq., F.R.I.B.A.)
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Residences at Dorking. (Messrs. Benison & Bargman, Archts.)

EXTRACTS FROM LETTERS REFERRING TO ROOFS COVERED BY THE COMPANY'S WORKMEN:

3, STAPLE INN, W.C.
August 15th, 1893.

"The Roofs of the Marine Residence at Birchington-on-Sea covered by you in August, 1891, with your Broomhall 3½ inch lap Tiles, have proved perfectly successful. I shall use them again, as I have now every confidence in them for exposed situations at sea coast."

W. J. ANCELL, *Architect.*

THE BROOMHALL TILE CO.,
LONDON

(*Used again on Residence at Surbiton, August*, 1895.)

ASHLEY ROAD, EPSOM & 133a, QUEEN'S ROAD, BAYSWATER, W.
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"Having for several years used your Patent Broomhall Tiles, with 3½ inch lap, in Surrey and Sussex, I am glad to say that my clients are very pleased with the [illegible] finish which they give to [illegible] of covering. I always specify that your own men shall fix the Tiles, by so doing I ensure that the work shall be well and soundly performed."

J. R. HARDING, A.M.I.C.E., M.S.A.

THE BROOMHALL TILE CO.,
LONDON

(*Used again on Residences [illegible] in* 1894 *and* 1895.)

24, BRIDGE STREET, BRISTOL,
November 12th, 1895.

"The Horfield School covered with your Tiles has stood the weather well, although in an exposed position."

W. V. GOUGH, *Architect.*

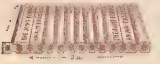
THE BROOMHALL TILE CO.
LONDON.

GUILDHALL CHAMBERS, BRISTOL.
November 28th, 1895

"I am pleased to say the Roofing you did for me at Eastville School is a perfect success."

EDWARD W. BARNES, F.R.I.B.A.

THE BROOMHALL TILE CO.
LONDON.



BROOMHALL PATENT DAMP-PROOF COURSE.

Made in Vitrified Slabs of Stoneware, 1½ inch, 2½ inch, and 3 inch thick, in lengths, to suit walls of various thicknesses.

PRICE, on Ground, ranging from 5d. to 6d. per foot superficial, according to locality. Estimates given upon receipt of the feet run of each thickness of wall.

THE BROOMHALL TILE & BRICK CO.,

181, Queen Victoria Street, London, E.C. (Adjoining Blackfriars Bridge.

IMPORTANT NOTICE.

BROSELEY TILES.

IN consequence of numerous persons representing themselves as Manufacturers of the "Celebrated Broseley Roofing Tiles," we, the undersigned Firms, beg to inform the Public that we are the only Manufacturers of these Tiles at "Broseley, Shropshire"—the seam of clay from which they are made being only found at Broseley, from which place they derive their name.

BROSELEY TILERIES CO. (LIMITED).
COALBROOKDALE CO. (LIMITED).
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EXLEY, W. & SONS.
HAUGHTON, R. D.
HOPLEY & DUNCAN.
JONES, W. & P.
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THE

BROSELEY TILERIES Co., Ltd.

(Late P. J. THORN), ESTABLISHED 1760

Manufacturers of Roofing Tiles, Ridge Tiles, Pressed Floor Tiles, and all Kinds of Brick-Kiln Goods;

ENCAUSTIC, GLAZED, AND GEOMETRICAL TILES.

For Churches, Public Buildings, Halls, Vestibules, Corridors, &c,

London Office and Sample Room:
10 ARTHUR STREET WEST,
LONDON BRIDGE, E.C.
Agent: ROBERT L. HUXTABLE.

Manufactory:
BROSELEY, SHROPSHIRE.

The Goods manufactured by this Firm are made from the celebrated Broseley Clay raised from the mines, which are the deepest in the district, being more than one hundred yards deep. The clay, when brought to the surface, is as hard as stone and has the appearance of rock, the great depth from which the clay is raised being the secret of the hardness and durability of the Broseley Clay Goods, a fact which gave rise to the well-known proverb: "As hard as a Broseley Brick."

PRICE LIST OF

BROSELEY ROOFING TILES,

RED, STRAWBERRY, or BRINDLED.

Delivered into Trucks at Coalport or Ironbridge Station, G.W.R.—or Coalport Station, L. & N.W.R.

		Approximate weight T.	C.
Best Pressed Plain Tiles, with nibs and holes ...	35/- per 1,000	1	0
Do. do. Ornamental do. do. ...	37/6 „	1	0
Do. do. Gable Tiles do. do. ...	70/- „	1	10
Do. do. Eave Tiles do. do. ...	35/- „	0	15
Hip Tiles ...	3/3 per doz.	1 ton per 600.	
Valley Tiles, ...	3/- „		
Angle Tiles, Plain ...	4/- „		
Do. do. Ornamental ...	4/6 „		
Plain Ridges, 12 in. lengths ...	2/8 per doz.	1 cwt. 14 lbs.	
Roll do. 12 in. „ ...	4/- „	1 cwt. 56 lbs.	
Ornamental Ridges, in a variety of designs, from ...	7/- „		
Quarries, 6 by 6, Red and Blue ...	8d. per dozen.	1 qr. 4 lbs. per dozen.	
„ 8 by 8, „ „ ...	1/1 „	2 qrs. 10 lbs. „	

THE

NEW BROSELEY DIAMOND PAVING TILES.

As Effective as TESSELATED & ENCAUSTIC TILES, at one-third less cost, and may be laid as ordinary Quarries

Patterns in Red, Grey, Buff, and Chocolate ... 3/- per square yard.

Sheet of Designs on application.

Packing in Casks, 6d. per square yard. Packing loose in Trucks, 3d. per square yard.

These Tiles are made ⅝ in thick, and weigh about 1 ton per 35 yards, packed loose in truck, or, when packed in casks, about 1 ton per 29 yards.

ALL BREAKAGES IN TRANSIT AT PURCHASER'S RISK.

Encaustic, Geometrical, and Tesselated Tile Pavements

From 5/- per yard. Pattern Sheets and Price List on application.

Highest Awards for Enamelled Goods and Sewage Pipes, Edinburgh Exhibitions, 1886 and 1890.

CHAS. BUICK & SONS,

HILTON FIRE CLAY, BRICK & TILE WORKS,

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MANUFACTURERS OF

Enamelled Sinks, Wash Tubs, Baths, Straight and Curved Channels for Drain Manholes, and any Description of Enamelled Goods.

STRUTT'S PATENT SEWAGE PIPES,

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ALL KINDS OF FIRE-CLAY GOODS.

Terra-Cotta Chimney Cans, Ridges and Finials,

AND

RAE & MURDOCH'S PATENT SMOKE-CURING CHIMNEY CANS.

Goods in any Class made to Architects' Designs. Catalogues or Price Lists on Application

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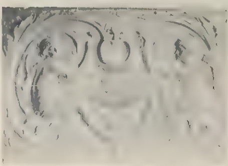

FRIEZE No 6360

CEILING No 6365

No 6361

No. 6362

FRIEZE

PILASTER No 6363

DADO No. 6364

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CRAVEN, DUNNILL and CO., Limited,

THE JACKFIELD WORKS, JACKFIELD, R.S.O., SHROPSHIRE.

Scale 1½ Inches to a Foot

CRAVEN, DUNNILL & C°. Ltd.

Architectural Faience, Painted, Printed, and Enamelled Tiles;

Lustre and Persian Tiles,

Ceramic Mosaic, Hand-made Tiles,
with Antique Surface, for Fireplaces, &c.

Ancient Encaustics
for Churches, reproduced from the Originals.

PATENT HOLDFAST KEYED-BACK TILES, AND ALSO SPECIAL SHAPED TILES.

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R.S.O., SHROPSHIRE.

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ABRIDGED PRICE LIST.

UNGLAZED FLOOR TILES, for Public Buildings, Halls, Corridors, &c., &c.

Red, Black, Buff, Grey, Chocolate, Fawn, &c., in all sizes from 6 ins. by 6 [illegible], down to 1½ ins. by 1½ ins.	at	5/	per yard super.
White and Cream Vitreous from 3 ins. by 3 ins. down to 1½ ins. by 1½ ins.	...	9/-	,,
Dove, Celadon, and Sage Green ,, ,, ,,	...	12/-	,,
Blue and Dark Green ,, ,, ,,	...	15/-	,,
ENCAUSTICS in Two Plain Colours	...	10/6	,,

GLAZED and ENAMELLED TILES, for Hearths, Fireplaces, Dados, &c., &c.

Any Colour, such as Brown, Green, Amber, Blue, Old Gold, &c., &c.			All sizes from 6 by 6 ins. down to 6 by 1 in.		at	11/	per yd. super.
Do.	do.	Rough Surface.	Do.	do.	do	12	,,
Do.	do.	Mottled Effects.	Do.	do.	do.	13/6	,,

MAJOLICA TILES, for Mural Decorations, Ceilings, Flower Boxes, &c.
Indented and Embossed, any one enamelled colour, from 13/6 per yard super. Two or more colours, from 15/- per yard super.

EARTHENWARE WALL TILES, for Butchers' Shops, Dairies, Bathrooms, and Lavatories.

6 ins. by 6 ins. by ⅜ in.	White, Ivory, and Buff		at 6/-	per yard super.	Turquoise, Olive, and Celadon,			10/6	per yard super.
6½ ins. Hexagons	Do.	do.	6/9	,,	do.	do.	do.	11/6	,,
6 ins. by 3 ins. and 4¼ by 4¼ ins.	Do.	do.	7/-	,,	do.	do.	do.	12/-	,,
6 in. octagons and dots	Do.	do.	8/-	,,	do.	do.	do.	13/-	,,
[illegible] by 6 ins. Printed Tiles.	1 colour		from 9/-	,,	In 3 and 4 colours		from	12/-	,,

N.B.—All Prices quoted above are for Best Quality Tiles unpacked at Staffordshire Works. Quotations, on application, for Tiles packed, delivered, and fixed complete in any part of the Country.

"Seconds" Quality Tiles at one third less than above prices.

MOSAIC.

CERAMIC MOSAIC. I [illegible] very [illegible]ic Pavements can be laid in this Mosaic. I have given special attention to the [illegible] of the necessary [illegible] [illegible] [illegible] [illegible] required.

MARBLE MOSAIC. ROMAN HAND PLACED from 12/6 per yard super.
Cheap Floors can be laid in Granito and Venetian ... ... ,, 5/6 ,,
Laid complete in London. For Country Work, Carriage and Travelling Expenses extra.

VENETIAN GLASS MOSAIC. For Ecclesiastical, Heraldic, and Pictorial Decorations. [illegible] I am now in a position to undertake work of the highest artistic character.—portraiture, allegorical subjects, flowers, memorial tablets, heraldic devices, &c., &c.

My Pattern Book for 1896 containing a complete New Series of Designs free on application.

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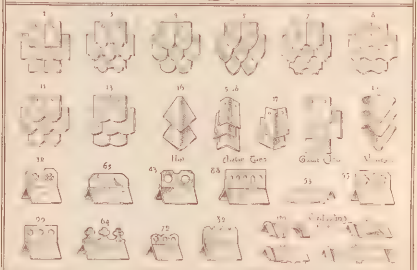
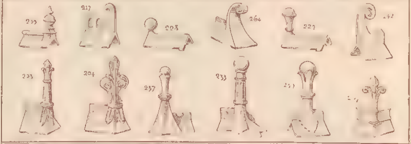
Makers of GENUINE "BROSELEY" ROOFING TILE GOODS.



Registered Brand "LIGHTMOOR".



NOTE. Numerous other Patterns in Illustrated Catalogue on Application

London Office & Show Rooms, VICTORIA EMBANKMENT, NEW BRIDGE ST. BLACKFRIARS, E.C.

Telegrams "Severndale London."

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CLIFFS, WORTLEY, LEEDS.
"JOSCLIFFS, LIVERPOOL"

ESTABLISHED 101 YEARS

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JOSEPH CLIFF & SONS.

Incorporated in the Leeds Fire Clay Co., Ltd.

SHOPPEE'S PATENT
Dove-Tailed Bricks.

WORTLEY, LEEDS,
Manufacturers of

ADAMS' PATENT
Key-Frog Bricks.

GLAZED & ENAMELLED BRICKS & TILES.

White, Coloured, Salt Glazed, Embossed, Printed, &c.

MAJOLICA MOULDED & PLAIN GLAZED BRICKS [illegible]

Shepwood Patent Fire-proof Ceiling in Glazed Tiles, and also Partition Bricks.

HALL'S PATENT HANGING TILES THE "GRIP" PATENT WALL TILES
GREGORY'S PATENT INTERLOCKING TILES
For Lining Old and New Walls and for Lining Wood Partitions.

"Imperial" Porcelain Baths, Sinks, Wash-Tubs, Mangers, Cisterns, Troughs, Foot Baths, &c.

Tillman's Registered Partition Bricks, for Dressing Boxes, Bath Rooms, &c., and Patent Scum Channel for Swimming Baths.

Architectural Terra-Cotta, Buff, Red, and Salt Glazed.

WORTLEY FAÏENCE, *DECORATIVE AND CONSTRUCTIVE.*
Panels, Mouldings, Columns, Mantels, Fenders, &c., richly glazed in many Artistic Colours

PATENT PUMICE BRICKS Lightest in the World For Partitions, Walls, Cellars, etc

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Manufacturers of the Celebrated Reading Red Tiles.

SPECIAL ATTENTION IS CALLED TO OUR ROOFING TILES, WHICH ARE NOW MADE IN SIX VARIETIES, VIZ:

1 A RED SMOOTH-FACED MACHINE-MADE TILE 2 A HAND-MADE SAND-FACED TILE
3 A MACHINE-MADE SAND-FACED TILE
4. A MACHINE-MADE TILE, Stained to a Dark Dun Colour.
5 A MACHINE-MADE TILE, Stained to a Strawberry Colour. 6 A RED-PRESSED TILE, with Nibs & Holes

A Large Variety of Red Ridge Tiles

Of the same Bright Colour, together with Hip Ends and Intersections, to fit the different Patterns and Pitches.

RIDGE TILE FINIALS A SPECIALITY.

Selections from our List may be seen over leaf.

ARCHITECTURAL TERRA COTTA

For the Facing of Buildings of all kinds in either RED WARE or BUFF.

ESTIMATES GIVEN FROM ARCHITECTS' DRAWINGS

S & E C call special attention to the [illegible] of the beaut[illegible] for decorative Terra Cotta

WE ALSO CALL ATTENTION TO OUR

Mural Tiles, Chimney Pots, Air Bricks, Machine Moulded Bricks, &c.

PRICES.

FREE ON RAILS AT READING. ALL BREAKAGES AT RISK OF PURCHASER

No.	[illegible]	[illegible]	No.	[illegible]	No.	[illegible]	No.	[illegible]	No.	[illegible]	No.	[illegible]	[illegible]	No.	[illegible]	Each
[illegible]	[illegible] dz.	[illegible]	38D-39D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	40D-43D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	45D-65D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18 & 19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	42-40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	43 B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Note. In ordering Ridge Tiles please give the Number and the Pitch required. In ordering Finials, please give the Number of both Ornament and Base, and the Pitch of the latter. The cost is ascertained by adding the price of the Ornament to that of the Base.

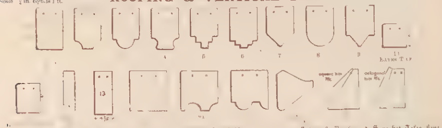
COMPLETE LISTS ON APPLICATION.

S. & E. COLLIER, READING.

Manufacturers of the Celebrated Reading Red Tiles.

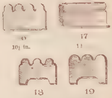
ROOFING & VERTICAL TILES.

Scale ⅜ in. equals 1 ft.



Internal Angle and Sprocket Tiles kept in stock

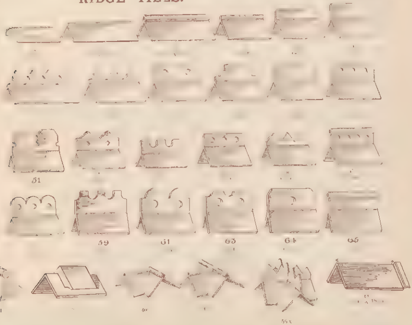
GARDEN TILES.



S. & E. C. call attention to their small thin Tiles specially made for fine work, such as Bay Windows and Porches, where the Tiling is close to the eye. Gables, Eaves, Hips, Valleys Angles, &c., to work with same kept in stock.

1150 *laid to a 3 inch gau... ...er one square*

RIDGE TILES.



Hip Ends and Intersections to any of the above Pattern Ridges kept in stock. **For PRICE LIST, see opposite page**

The above Ridge Tiles are made in 70°, 90°, 105°, and Nos. 39 and 40, 12 ins. long, in 120° and 135°. Nos. 41 and 42 are also made in 120° and 135°.

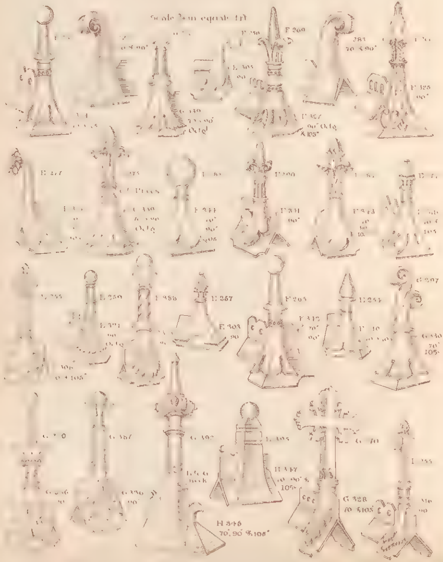
Telegraphic Address, "COLLIER, READING."

TRADE MARK

TELEPHONE No 92, READING

S. & E. COLLIER, READING,

Manufacturers of the Celebrated Reading Red Tiles.

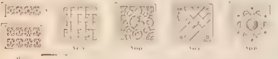


S. & E. COLLIER,

Manufacturers of the Celebrated Reading Red Tiles,

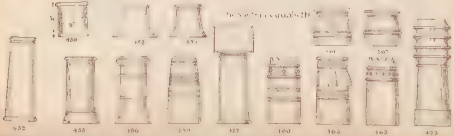
TILE AND TERRA COTTA WORKS, READING.

AIR BRICKS



MURAL TILES

CHIMNEY POTS.



J. K. Cooper & Sons,

BRICK, TILE & TERRA COTTA WORKS,

PINKNEY'S GREEN, MAIDENHEAD.

Offices: CASTLE HILL, MAIDENHEAD.

MANUFACTURERS OF EVERY KIND OF

Plain, Molded, and Ornamental Red Bricks.

Plain & Ornamental Roofing Tiles, Ridges, Finials, Crosses, Chimney Pots, Copings, Paving Bricks, and Tiles, &c

Also of Terra Cotta Goods of every Description in Red or Buff

THESE Goods have long been noted for their high-class quality, rich colour, good design, and finish, and exceptionally weather-resisting qualities, and are extensively used by leading Architects in all parts of the Kingdom.

The greatest care is taken in the selection, washing, and mixing of the Clay; and in the thorough burning of the Goods.

RIDGES AND FINIALS

have always been, and are now, our Speciality, but a

THOROUGHLY GOOD HAND-MADE PRESSED FACING BRICK

is now being made from a new bed of exceptionally fine Clay—a brick capable of sustaining great weight, non-absorbent, with sharp arrises, good shape, and colour.

To meet the keen competition in this, as in all other Manufactures, we have modified our prices wherever we have found it possible to do so, without in any way detracting from the quality or finish of the Goods.

All Bricks and Roofing Tiles are finished with a sanded surface, unless ordered otherwise.

COMPLETE CATALOGUE WITH PRICES ON APPLICATION.

Full-Size Drawings and Sections Supplied if Desired.

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LONDON 1862

JOHN DOUGHTY & SON,

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BEST BROSELEY PRESSED

ROOFING TILES,

LONDON, 1862

Plain and Ornamental, of various Colours

Crests, Hips and Guttors, Flooring Squares, Fire-bricks, &c.,

BROSELEY, SALOP.

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RED FACING & MOULDED BRICKS

TERRA COTTA, &c.,

as used by Leading Architects in London & the Country, for Churches, Hospitals, Banks, County Council Buildings, &c.

A great variety of Designs in Brick Ornament as shewn in Illustrated Catalogues

Architects own designs carefully executed.

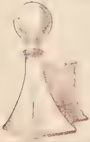
ELLIS, PARTRIDGE & Co. LEICESTER & LONDON

WORKS: "REDBANK," Measham, Nr Atherstone and WOODVILLE, Nr Burton on Trent.

LONDON OFFICE & DEPOT 200 & 202 Phœnix St St PANCRAS, Mr T FREEMAN AGENT

ROOFING AND RIDGE TILES A SPECIALTY

WILLIAM EXLEY & SONS,



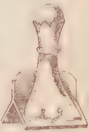
MANUFACTURERS OF THE CELEBRATED

"COALPORT" BRAND

Broseley Roofing Tiles.

IN COLOURS:

RED, STRAWBERRY, BROWN, BRINDLED & BLUE



Super[illegible] Ridge Tiles, Hip, Valley, Angle, and Flooring Tiles, [illegible] Glazed Stoneware Socket Pipes, Superior Cane Coloured Glazed Sinks, Red and Buff Terra Cotta Chimney Tops, &c., &c.

ILLUSTRATED PATTERN SHEETS AND PRICES UPON APPLICATION

Postal Address—"THE ROCK," BROSELEY, SHROPSHIRE. Telegrams EXLEY BR[illegible]

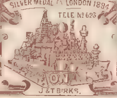
The Hartshill Brick & Tile Co.

SILVER MEDAL LONDON 1884

TELE No 625

PAVING TILES GARDEN TILES in BLUE, RED, BUFF &c. BLUE BRICKS SANITARY CLOSETS, SINKS &c GLAZED PIPES CHIMNEY TOPS

NEW BOOK FREE



ROOF & RIDGE TILES FINIALS &c RED BLUE, BROSELEY BRINDLED &c ALL KINDS TERRA COTTA GOODS, VENTILATING BRICKS, RIDGES DAMP PROOF COURSES &c

NEW DESIGNS

STOKE ON TRENT

J & T BIRKS.

All Roofing Tiles, Ridge Tiles, Paving Tiles "Plastic" made.

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HAMBLET'S

STAFFORDSHIRE BLUE BRICKS

TERRA-METALLIC PAVINGS,

COPINGS, FOOTPATH KERBS, ETC.

14 [illegible] INTERNATIONAL [illegible]

Address:— JOSEPH HAMBLET, WEST BROMWICH.

ESTABLISHED 1848.

GODWIN'S TILES

For Church Pavements, Halls, Conservatories, Verandahs, Porticos, Dairies, Walls, Dados, &c., &c.,

ARE OF VERY BEST QUALITY AND HAVE ALWAYS GIVEN ENTIRE SATISFACTION.

GODWIN'S PLAIN SELF COLOURED TILES are especially suitable for floors of Corridors, Kitchens, etc., in Asylums, Hospitals and similar buildings. They are in good colours, very superior in appearance, exceedingly hard, close in texture (no grit in them t[illegible] friction [illegible] satisfactory wear as in quarries), and wear guaranteed. These Tiles have been used in the following Asylums, among others and to which reference can be made :—

JOINT COUNTIES ASYLUM, Abergavenny — [illegible]
WORCESTER COUNTY AND CITY ASYLUM, Powick. — COUNTY AND CITY ASYLUM, Burghill, Hereford.

DESIGNS AND PRICES FREE ON APPLICATION.

GODWIN'S ANTIQUE TILES FOR CHURCH PAVEMENTS

Are a Specialty and have been Largely Used and given great satisfaction

Pavements of Messrs. Godwin's Tiles may be seen in the following

CATHEDRALS:

GLOUCESTER, WORCESTER, SALISBURY, ROCHESTER, EDINBURGH, HEREFORD, ST. ASAPH'S, ST. DAVID'S, EXETER, MANCHESTER, CARLISLE, CHICHESTER, CHRISTCHURCH and ARMIDALE, New South Wales, also in many hundreds of CHURCHES, list of many of which can be forwarded on application.

TESTIMONIALS from EMINENT ARCHITECTS.

Sir Arthur W. Blomfield. F.R.I.B.A.

MESSRS WILLIAM GODWIN & SON have laid floors for me with their Encaustic tiles in many churches. The tiles and workmanship have been invariably satisfactory

J. L. Pearson, Esq., R.A

Sir

I have used your Encaustic tiles—Ancient make—for many years and am well satisfied with them.

J. Oldrid Scott Esq F.S.A

MESSRS GODWIN & SON have supplied Encaustic and other tiles for a very large number of Churches erected or restored by the late Sir Gilbert Scott and by myself. The [illegible] great [illegible] satisfaction.

Messrs. G[illegible] have taken great p[illegible] patterns in [illegible] admirable selection [illegible] quality and in [illegible] manufacture [illegible] can be desired [illegible]

J P St Aubyn Esq F.R.I.B.A

Dear Sirs,

I have pleasure in bearing testimony to the excellence of your Encaustic tiles. I have recommended them for many years and consider they approach very nearly to many of the Antient Examples, and I find they wear well, and are strong and pleasing in Colour.

Arthur Edmund Street, Esq., M.A., A.R.I.B.A

Gentlemen,

I have much pleasure in stating that I have always been well satisfied with your tiles.

Also the following:

I am pleased to inform you that the Chancel Tile Pavement for St Ma[illegible] Church, Haverfordwest, is completed according to EWAN CH[illegible] designs drawings and the laying of same has given great satisfaction to Vicar Churchwardens and myself.

W. MORGAN, *Contractor*

Special Designs for Pavements

prepared free of cost on receipt of Dimensions & information as to style, etc., required.

NOTE THE ONLY ADDRESS

WILLIAM GODWIN & SON,

Lugwardine Works, Withington, Hereford.

For ADVERTISEMENTS See Pages 75, 541, 542, and 543

J. C. EDWARDS RUABON

TILES · MOSAIC · FAIENCE

GLAZED · PLAIN · DECORATED · ENAMELLED
ANGLO-PERSIAN · LUSTRE · PAINTED
ANTIQUE · EMBOSSED · ENCAUSTIC & MAJOLICA

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FAIENCE AND TILE FIREPLACES AND FENDER KERBS. SLABBED TILE H[illegible] specially suitable for Firep[illegible]

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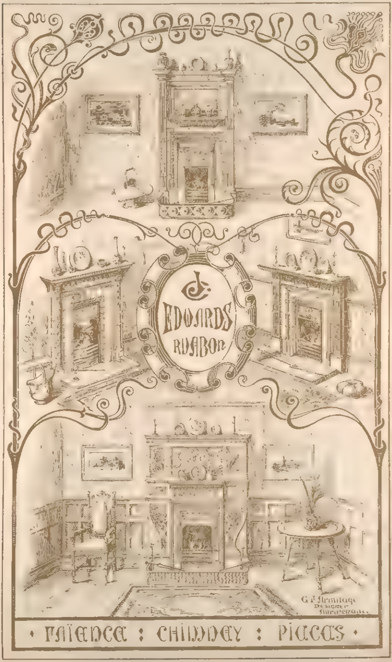
PATTERNS, PRICES, & SAMPLES ON APPLICATION

For ADVERTISEMENTS See Pages 75, 541, 542, and 543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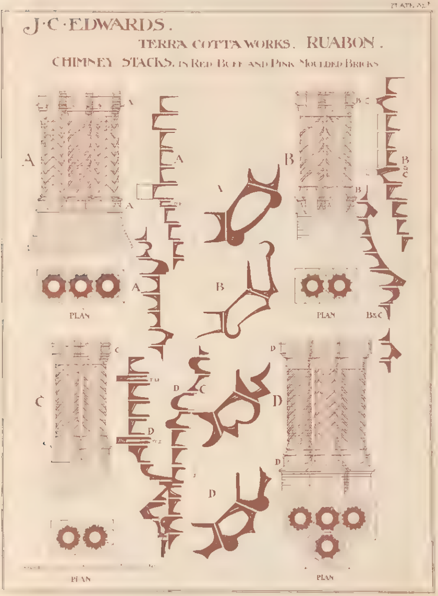
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TERRA COTTA WORKS. RUABON.
CHIMNEY STACKS. IN RED BUFF AND PINK MOULDED BRICKS
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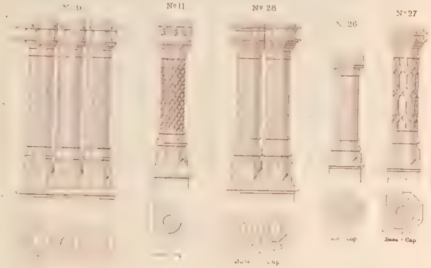

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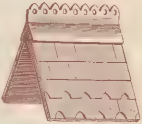

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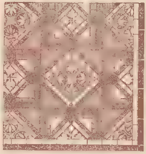

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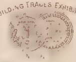

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Weight 3½ tons per 1,000, which covers average area of 36 to 38 super-yards, with 3/16" joints. Measured as laid

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10in × 4½in. × 3in.

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Patent Weather-Proof Tiles, Roman Pattern . . .	15/-	17/3
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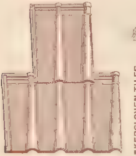
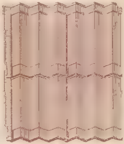


Section showing lap of Patent Interlocking Plaintiles



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One Side ... ... per 1,000	10	0	0	13	0	0	15	0	0	19	0	0
One End	9	0	0	12	0	0	14	0	0	18	0	0
Quoins & Bullnoses	14	0	0	17	10	0	19	10	0	25	0	0
4 in. or Flat	14	0	0	17	10	0	19	10	0	25	0	0
Two Sides	15	0	0	18	10	0	21	0	0	29	0	0
Two Ends	13	0	0	16	10	0	18	10	0	24	0	0
One Side & Two Ends	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cants, Squints & Octagons	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Two Sides & One End	[illegible]	[illegible]	[illegible]	[illegible]	10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0

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Double Stretchers	7	10	0	11	0	0
Double Headers ...	7	10	[illegible]	11	[illegible]	[illegible]
Bullnoses and Quoins... ..	7	[illegible]	0	[illegible]	[illegible]	0
Cants, Squints and Octagons	7	[illegible]	0	11	[illegible]	0

NOTE. ALL BRICKS ABOVE 2[illegible] THICK CHARGED AT THE RATE OF 10 [illegible] PER 1,000 EXTRA FOR EVERY ⅛TH OF AN INCH.

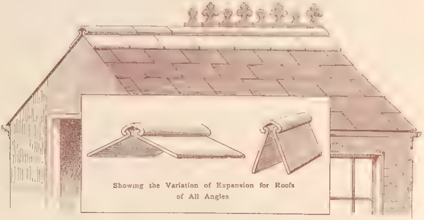
QUOTATIONS FOR SPECIAL-SHAPED BRICKS ON RECEIPT OF DRAWINGS.

OATES AND GREEN, LIMITED, HALIFAX.

Pascall's Patent Expanding Ridge.

This TILE supplies a want long felt by Builders, that is, a Ridge adjustable to Roofs of all Angles, as, for instance, the Hips and Ridge of the same Building.

It will be seen by the accompanying Engravings that this object is attained in this Tile.



Showing the Variation of Expansion for Roofs of All Angles.

The Ridge applied to a Roof, with and without ornaments, showing the bond obtained by breaking joint between the top and bottom parts of the Tile. It will be seen by this that wind cannot remove it, neither can water find ingress in consequence of the top and bottom joints of the Tile being alternate. Ornaments of several patterns are kept in stock, illustrations of which can be had on application. Others could be made to Architects' designs.

PRICES.

In the yard, or on rail at Norwood Junction, L.B.S.C.R., and L.C.D.R., or Elmer's End, S.E.R.

Plain - - - 6d. per Foot.

Ornamental - 8d. per Foot.

WEIGHT, 200 ft., 1 Ton.

Tops and Wings are 1-ft. and Ornaments 6-inches long, any of which can be had separately at the following Prices.—Tops, either Plain or Grooved for Ornaments, 2½d. each; Wings, 3½d. per pair; Ornaments, 1d. each.

MANUFACTURED SOLELY BY

THOS. PASCALL & SONS,

Builders' Merchants, Brick and Tile Makers and Potters,

SOUTH NORWOOD.

LONDON, S.E.

SPECIALTIES — VITREOUS FLOOR TILES AND ENAMELLED DADO & WALL TILES

The Crystal Porcelain Tile Works.

PATTERNS ON REQUEST

COBRIDGE NEAR STOKE-ON-TRENT

MANUFACTURERS OF
ENCAUSTIC & PLAIN TILES & MOSAICS
FOR PAVEMENTS

AND OF ALL KINDS OF
GLAZED ENAMELLED MAJOLICA TILES
FOR
DADOS, WALLS & HEARTHS
AND MANY OTHER PURPOSES OF UTILITY & DECORATION

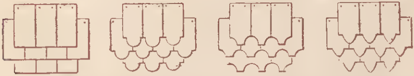
PROPRIETORS
ALFRED MASON
LATE OF MINTON, HOLLINS & C°
FREDK R. FINKELMEYER

NATL TELEPHONE
N° 142

TELEGRAMS
'PORCELAIN
COBRIDGE

LONDON OFFICE
PORCELAIN TILE C°
DASHWOOD HOUSE
NEW BROAD ST EC
MR JAMES STEEL AGENT

POSTAL ADDRESS,
PORCELAIN TILE CO., COBRIDGE, near STOKE-ON-TRENT.



ROOFING TILES.

PRESTAGE & CO.,

THE MILBURGH TILERIES,

BROSELEY, SALOP.

MANUFACTURERS OF
Plain & Ornamental Roofing Tiles, Pressed Hip & Valley Tiles, Ridges, Finials, &c., Brown, Brindle, Strawberry, or Red.

THOMAS PEAKE,

"THE TILERIES," TUNSTALL, Stoke-upon-Trent.

Prize Medals: London, 1851; Paris, 1867; Philadelphia, 1876; Chicago, 1893,

MANUFACTURER OF

Blue Bricks for Facing, Paving, Culverts, Arches, Moulded String Course, Stable Paving, Manger Bricks, Ventilating, Channel and Window Sill Bricks, *also Special Bricks for Chemical Works and Glovers Towers,* Coping Bricks for Walls and Platforms.

Blue and Buff Clinkers for Stables, Coach-houses, &c.

Blue and Red Ridge Tiles. Finials and Terminal Ridges, more than 100 Designs.

Ventilating Ridges. *Thompson's Patent*, and other designs.

ROOFING TILES A SPECIALITY.

COLOURS.

BLUE, MOTTLED, RED & BROSELEY.

SIZE, 10½ins × 6¼ins.

WEIGHT, 20 cwt. per 1,000

HIP TILES, & No 2 GABLE TILES, 3½d each

VALLEY and VENTILATING TILES, 3d each

(PERFECTA)

TRADE MARK

PRICE on RAIL.

BEST SELECTED, 40/- per 1,000

UNSELECTED. 35/- "

ORNAMENTAL, 2/6 per 1,000 EXTRA

TILE and HALF SIZE, DOUBLE PRICE

BLUE ROOF TILES, 2/6 per 1000 EXTRA

PEAKE'S FLOORING TILES, in Four Qualities.

Ordinary Pressed in Blue, Red and Buff, hard and durable, well suited for cottages, at from 1/4½ per yd. super

Medium Quality—Blue, Red, and Buff, for better class houses ... ... " 1/9 "

Superfine W Quality—Blue, Red, Buff, and Black, ⅝ to 1 inch thick ... ... " 2/9 "

Tesselated—Blue, Red, Buff, Black, Chocolate, &c., ½ to ⅝ " " ... ... " 3/6 "

Pavements in W quality and Tesselated arranged in Geometrical patterns for Entrance Halls, Verandahs, Conservatories, &c. Diagrams on application.

The Superfine W and Medium Pressed Tiles are stamped with Mr. Peake's *Registered* Trade Mark, to ensure identity.

Mural Tiles, Date and Monogram Panels, Diaper and String Course, Pillar Caps, and Balusters.

Garden Border Tiles, Blue Vitrified, 24 patterns, quite impervious to action of frost, &c.

The designs following are a few taken from the Pattern Book, which will be sent, with complete price list, on application.

PRICES IN TRUCK AT WORKS.

RIDGE TILES.

No. 1 18in. long 6in. wing 6d per yd.
" 1 " 7 " 7d. "
" 2 " 6 " 7d. "
" 2 " 7 " 8d. "
" 3 " 6 " 10d "
" 3 " 7 " 11d "
" 4, 6 and 7, 7 " 1/2 "

LOOSE CRESTS.

No. 2 .. .. 1/9 per yd.
" 2 Pugins .. 2/3 "
" [illegible] .. .. 1/1 "
" 5 .. .. 10d. "
" [illegible] [illegible]

FAST TOP RIDGES.

No. 81 2 in. crests .. 1/9 per yd.
" 81 3 in " .. 2/- "
Nos. 83 to 136 and similar—
7 in. wing 4½ in. crests 2/3 per yd.
" 6 " 2/6 "
" [illegible] " "
" 9 " 3/6 "
No. 137 7½ " 3/3 "
" 138 9 " 5/- "
" 139 6 " 5/- "
" 140 { 18 in. long / 2½ in. roll } 2/- "
" 141 & crest No. 57 2/9 "

No. 141 & crest No. 56 2/6 per yd.
" 142 .. .. 1/8 "
" 143 & crest No. 58 8/- "
" 144 & 145 .. 1/4½ "

VENTILATING RIDGES.

No. 3 18 in. long . 1[illegible] each.
" 6 " 2 3 "

THOMPSON'S PATENT.

No. 146, 12 in. lng 8in. wng. 2/9 each
" 146 & ornament No. 1—3/9 "
" 147 2/6 "
" 147 " No. 2—3/- "
" 147 " No. 3—3/6 "
" 148 18 in. long . 17/6 "

FINIALS.

Nos. 4 and 12 .. .. 5/- each
No. 14 .. .. .. 7[illegible]
" [illegible] .. .. .. 10[illegible]
" 52 .. .. .. 6[illegible] "
" 73 .. .. .. 8/6 "
" 74 .. .. .. [illegible] "
" 75 .. .. .. 7/6 "
" 76 .. .. .. [illegible]
" [illegible] .. .. .. 6 "
" 81 .. .. .. [illegible]
" 8[illegible] .. .. .. 1[illegible] "
" 90 and 91 .. .. 2 9 "
" 92 and 93 .. .. 3[illegible]

Thomas Peake "The Tileries", Tunstall.

Ridge Tiles & Finials

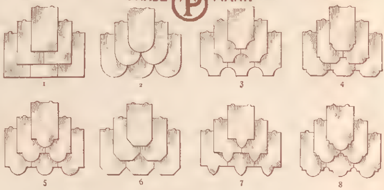
Thomas Peake "The Tileries", Tunstall.

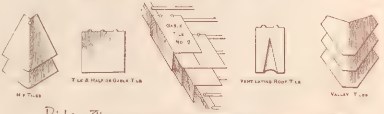
Roofing Tiles.

(PERFECTA)

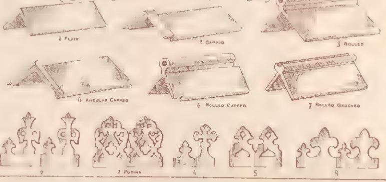
TRADE P MARK

Blue, Red or Broseley.



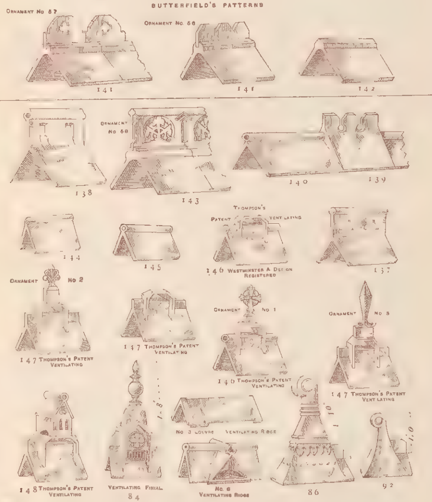


Ridge Tiles Blue, Red & Brown or Broseley



Thomas Peake "The Tileries," Tunstall.

Ridge Tiles & Ventilators

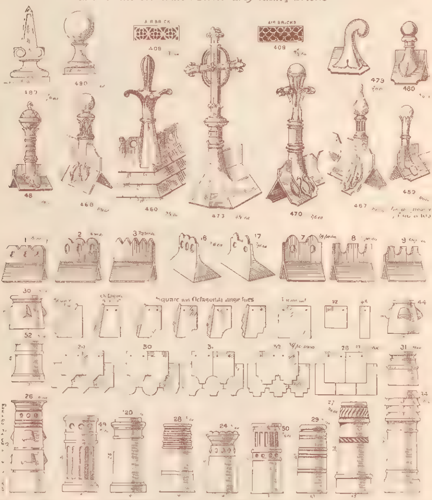


POULTON & SON.

Manufacturers of the well known Reading Tiles and Terra Cotta.

Red and Grey Moulded Bricks, Ornamental Bricks, Brick Enrichments

and of the celebrated Silver Grey Facing Bricks



POULTON & SON, Brick, Tile & Terra-Cotta Works, Reading

Illustrated Catalogue, full size sections, and price list on application. TELEGRAMS POULTON, READING.

We give particular attention to the modelling and making of Terra Cotta and Ornamental Bricks from Architects own designs and can supply within a month from date of order

Price List

Moulded Bricks 1.2.3 5/6 per 100. 5.6.7.8.10. 7/ per 100 4.9 9/ per 100

Jambs 59 493 522 9/ per 100 530 10/6 per 100

Sills 318 10/ per 100 310 9/ per 100 311 11/ per 100 321 25/ per 100

Copings 347 15/ per 100 348 18/ per 100 351 355 15/ per 100

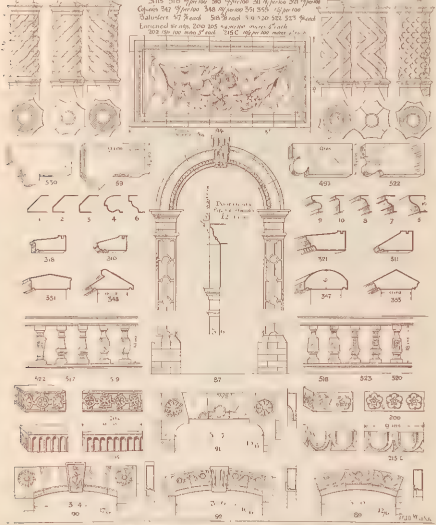
Balusters 517 7/6 each 518 7/6 each 5[illegible] 520. 522. 523 4/6 each

Enriched strings. 200 205 [illegible] per 100 mitres 4d each 202 15/ per 100 mitres 5d each 215 C 10/6 per 100. mitres [illegible]

Goods packed in trucks at Reading Station and can be forwarded by Great Western, South Western, or South Eastern Railway

Also in Barges alongside our Works.

Prices of Chimneys on Application

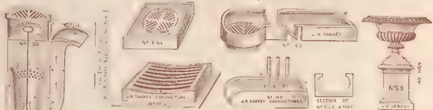


POULTON & SON, Brick, Tile & Terra-Cotta Works, Reading

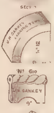
Illustrated Catalogue, full size sections, and price list on application.

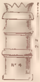
TELEGRAMS POULTON, READING.

Sankey's Patent Gully. Square Stoneware Kerb. Improved Channel and Kerb.



Iron Grating & Frame for Stables, &c. Special Channel.





SANKEY'S Patent Deep Intersecting Gully.

The Best for Preventing Drains Blocking and Sewer Gas Escaping.

For Use in Factories, Stables, Yards, Schools, Hospitals, House Drains, Streets, Parks & Open Spaces, &c.

Fire Bricks, Lumps, Tiles and Clays of every description; also Gannister.
Boiler Seating Blocks, Flue Covers LARGEST & MOST VARIED STOCK IN LONDON.
Stoneware, Sanitary Pipes Junctions, Traps, &c. (London and Country makes).
Special Buff, Vitreous, Stoneware, Stable and other Bricks, Acid-proof
Roofing Tiles, Ridges, Finials, Pots, Slates, also Slating and Tiling
Glazed Bricks and Tiles of all Colours Blue, Metallic Staffordshire Bricks, &c.
Special White Impervious Terra Cotta Bricks, &c. IMMEDIATE DELIVERY.

Architects' and Engineers' Special Designs Carefully Executed

PARTICULARS OF— ESTABLISHED 1857.

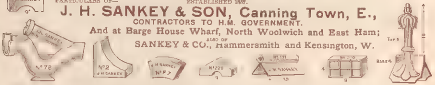
J. H. SANKEY & SON, Canning Town, E.,

CONTRACTORS TO H.M. GOVERNMENT.

And at Barge House Wharf, North Woolwich and East Ham;

ALSO OF

SANKEY & CO., Hammersmith and Kensington, W.



G. TUCKER & SON,

LOUGHBOROUGH, LEICESTERSHIRE.

MANUFACTURERS OF

BEST RED LEICESTERSHIRE FACINGS, HARD PRESS BRICKS,

and SAND STOCKS of Even Colour.

MOLDED BRICKS to any pattern, both in Press & Sand Stock Surfaces

Red Quarries, 4 in. by 4 in. to 12 in. by 12 in.

RED RIDGES, FLAT TILES, FLOWER POTS.

These facings are used in St. Pancras Hotel and adjoining Buildings and other large works at home and abroad.

SPECIALITY. Extra hard pressed Bricks for Sewers and Manholes, with new pattern thin frog to make a tight joint, as supplied by us to London District Councils and Capetown Corporation.

SAMPLES & PRICES SUBMITTED ON APPLICATION. ILLUSTRATED LISTS FREE. ARCHITECTS DESIGNS CARRIED OUT.

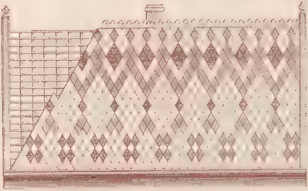
THE ROOFING OF THE AGE.

SELF-LOCK ROOFING TILES.

AWARDED SIX MEDALS.

SPECIFIED BY THE LEADING ARCHITECTS.

Lightest. Most Effective



Cheapest Most Simple.

PRICES.

For Goods delivered into Railway Trucks at any London Station.

		[illegible]	[illegible]
Whole Tiles.	Red, Blue, or Cement	20[illegible]	about 2[illegible] tons.
Side Tiles.	" " " "	do	" 2[illegible] "
Top and Bottom Tiles.	Red, Blue, or Cement	do.	" 2½ "
If by the square	... ...	22/6 per square.	

These prices apply to the 12-in. size, the other sizes on application.

SPECIAL QUOTATIONS FOR COLOURS OTHER THAN ABOVE

NO NAILING or OVERLAPPING. SELF-LOCKING.

MADE IN ANY COLOUR.

Absolutely Damp-proof, Snow or Sand-proof.

IMPERISHABLE.

Millions of these Tiles have been supplied and fixed throughout the Continent.

For further Particulars, Prices, &c. apply to

SELF-LOCK ROOFING TILE CO.,

9, GRACECHURCH STREET, LONDON, E.C.

Telegraphic Address: "WEATHERWISE, LONDON."

Telegrams: "Somerset, Bridgwater." National Telephone: No. 9.

THE SOMERSET TRADING CO., LTD.

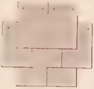
Late BROWNE & CO.), BRIDGWATER.

Manufacturers of Bricks, Roofing Tiles, Ridges, Finials, Flooring and Oven Squares, Redware Pottery, Garden Pots, Chimney Pots, Ornamental Vases, &c., &c.

No 208.

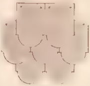
10s. each. Hip or Gable end

No. 3.



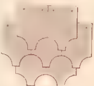
10½ × 6½

No. 1.



10½ × 6½

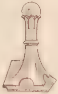
No. 2.



10½ × 6½

Red Plain Tiles, No. 3, 550 to a square. Weight, 1 ton per 1,000. Price, per 1,000 35s. Price, per square, 19s. 3d. Ornamental patterns, 5s. per 1,000 extra.

No 247.



4s. each, H[illegible], or Gable End

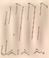
No. 11

16½" × 14"
Double Roman Tiles,
80 to a square [illegible] per 1,000
[illegible]

No 8

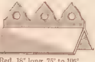
16" × 14"
Poole's Patent Tiles,
90 to a square [illegible] per 1,000.
Red, per 1,000, 100s,
" " square, 14s. 5d.

No. 16



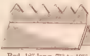
15½" × 13"
Improved Triple Angular Tiles
150 [illegible] square, [illegible] per 1,000
Red, per 1,000, 12[illegible]
" " square, 1[illegible]

No. 64.



Red, 18" long 75° to 105°
Per doz., 8/6; per yd., 1/5.

No. 59.

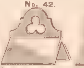


Red, 18" long, 75° to 105°
Per doz., 6/6; per yd., 1 1.

No. 71.

Red, 1[illegible] long, [illegible] to 1[illegible]
Per doz. [illegible] per yd. 1[illegible]

No. 42.



Red, [illegible]
Per [illegible] per yd. 1[illegible]

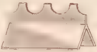
No 32.

Red, 12 long [illegible]
Per doz., 6 [illegible] per [illegible]

No 24.

Red, 18" long, 75° to 105°
Per doz., 4/3; per yd., 8½d.

No. 25



Red, 18" long, 75° to 105°
Per doz., 0/6; per yd., 1 1.

No 46.

Red, 12" long, 75° to 105°
Per doz., 6/-; per yd., 1/6.

No 38

Red, 12 [illegible]
Per doz [illegible]

No 66.

[illegible]

All the above goods are manufactured from the celebrated Bridgwater clay [illegible] colour and black glazed are also stocked, prices on application).

Plain Tiles and Ridge Tiles are specialities, and are made under great pressure by patented processes, they are impervious to weather and very durable.

Fully Illustrated Lists of Ridge Tiles and Finials on application.

LONDON DEPOT,
Midland Goods Station,
St. Pancras,
N.W.

TELEGRAMS:
Skey, Tamworth
Skey, London

GEORGE SKEY & CO., LIMITED,

WILNECOTE WORKS,

Near TAMWORTH, ENGLAND.

BEING themselves the manufacturers of the various classes of goods advertised by them are enabled to supply assorted orders in one consignment, thereby frequently saving trouble and expense to the purchaser.

Terra Cotta (Buff or Red) **Architectural, Horticultural & Ornamental.**

BALUSTERS, CONSOLES, PANELS, STRING COURSE, &c., &c
CHIMNEY TOPS, FLUE PIPES, GAS STOVES, AIR BRICKS, FOUNTAINS, GARDEN EDGING, VASES, &c., &c

Glazed Air Bricks, &c. Damp Course, (Broomhall's Patent

Fire Bricks, BOILER SEATING, FLUE COVERS, BURRS QUARRIES

Staffordshire Blue Bricks, STABLE FLOORS, PAVING, CHANNEL, FLOOR AND ROOFING TILES.

Sanitary Ware.

Stoneware Sewer Pipes.

The "Swan" Washdown.

The "Torrent" Washdown

SEE SPECIAL ADVERTISEMENT

SWIFT'S TILES & MOSAICS

SPECIALITIES.

CERAMIC MOSAIC. Specially adapted for floors of Theatres, Hotels and Public Offices, and other buildings subject to a heavy traffic. *Prices from 14s. per yard super, fixed complete.*

MARBLE MOSAIC. Where good wearing qualities and softness of colouring is desired. *Prices from 16s. per yard super, fixed complete.*

VITREOUS MOSAIC. This is most suitable for Chancel floors and other Ecclesiastical decorations. Unsurpassed for hardness of texture and richness of colour. *Prices from 15s. per yard, super fixed complete.*

ENAMELLED AND VENETIAN GLASS AND GOLD MOSAIC FOR MURAL DECORATION.

EVERY DESCRIPTION OF TILES FOR FLOORS AND WALLS.

Egg-Shell Glazed Tiles for Stables, etc. **Dovetail Keyed Back for Wall Tiles.**

Pattern Sheets with Prices forwarded when desired, but it is more satisfactory to prepare special designs to suit the architectural style of the buildings and to harmonise with the surrounding decoration. To do this it is necessary to have an accurate scale plan of the space to be tiled,

ARCHITECTURAL FAIENCE:

FOR THE DECORATION OF

RESTAURANTS, HOTELS, OFFICES AND PUBLIC BUILDINGS, BOTH INTERNAL AND EXTERNAL.

FOR FURTHER PARTICULARS APPLY TO

GEORGE SWIFT,

TILE AND MOSAIC WORKS,

45 and 47, THE TEMPLE, DALE STREET,

LIVERPOOL.

STANLEY BROS. LTD., Brick, Tile, Pipe, Terra Cotta, and Glazed Brick Works, NUNEATON.

Branch Works: BURSLEM, STAFF.; and WILLENHALL, COVENTRY.

NUNEATON WORKS.

STANLEY BROS., Ltd. manufacture at these Works nearly all kinds of Building Materials produced from Clay, and are consequently able to make up mixed trucks of various classes of goods to suit the requirements of those Customers, who might not find it convenient to order full trucks of any particular class of manufactures.

The following are some of the Nuneaton productions:—

BLUE BRICKS (Building, Paving, and Stable). Coping, Kerbing and Channeling.

GARDEN TILES. Blue and Salt Glazed. (Impervious to action of weather.)

ROOFING TILES. Brown (Light, Medium, and Dark) Red and Blue.

RED RIDGES AND FINIALS, in large variety of patterns.

RED AND BUFF CHIMNEY POTS (unsurpassed in Colour).

PAVING TILES Ordinary Quality, in Red, Blue, and Buff. (Suitable for Cottages.)

Do. Superior Quality (especially suitable for Churches, Entrance Halls, Conservatories, &c.)

Do. Special Malting Tile. Smooth surface and perfectly level.

FIRE BRICKS, QUARRIES, LUMPS, &c. BUFF BUILDING BRICKS.

GLAZED DRAIN PIPES AND CONNECTIONS.

ORNAMENTAL TERRA COTTA. Strings, Courses, Panels, Corbels, Balustrades, Terminals &c

GLAZED BRICKS. White and Coloured Enamel.

Do. Brown, in various shades (largely used for Schools, Hospitals, and other public buildings).

Do. Salt Glazed (Special Double-Dipped).

SINKS. Brown, Cane, and White Glazed.

MALT KILN TILES, Manufactured by Patent Process in Buff and Brown Glazed.

AIR BRICKS. (Variety of Designs.) Vases, Pedestals, and Statuary.

MANUFACTURED AT BURSLEM WORKS.

BLUE BRICKS AND COPINGS. GARDEN TILES. RIDGE TILES.

STAFFORDSHIRE QUARRIES. RED AND BLUE.

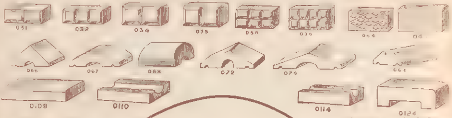
WILLENHALL WORKS.

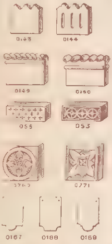
ROOFING TILES. RED AND BROSELEY.

FOR ILLUSTRATIONS AND PRICES SEE NEXT PAGE.

STANLEY BROS. LTD., Brick, Tile, Pipe, Terra Cotta, and Glazed Brick Works. NUNEATON.

Branch Works: BURSLEM, STAFF.; and WILLENHALL, COVENTRY.





PRICES IN TRUCKS AT WORKS.

BLUE STABLE BRICKS.

031 and 032, 9 × 3 × 4, 62/6; 034 to 039, 9 × 4½ × 2¾, 60/-; 9 × 4½ × 3, 62/6 per 1,000

BLUE PAVERS.

9 × 4½ × 1½, 45/-; 9 × 4½ × 2, 50/-; 9 × 4½ × 3, 60/- per 1,000.

BLUE COPING AND KERBING.

063, 2d; 066, 3½d; 067, 4½d.; 068, 4d.; 072 [illegible] 0124, 14 × 6 × 6, 11d., 18 × [illegible] 11d per foot 0108 16 × 9 × 3, 5½d.; 12 × 12 × 4.7 [illegible]

BLUE GUTTER BRICKS

0110, 13 × 6 × 2½, 21/; 0114, 12 × 4½ × 3, 17/6 per 100.

ROOFING TILES.

Plain, Brown, 35/; Red and Blue, 37/6; Ornamental 40/- per 1,000.

BLUE GARDEN TILES.

[illegible] 0145, 77/6; 0146 80/-; 0149, 85/-; 0150, [illegible]; 0161, 150/ per 1,000.

AIR BRICKS.

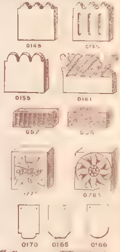
[illegible] 2½d.; 050, 4d.; 057, 3d. each.

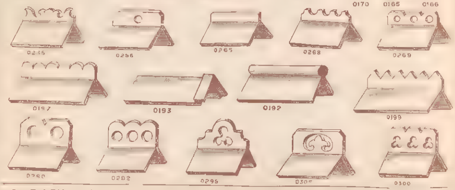
RED AND BLUE RIDGES.

[illegible] roll, 5d.; capped, 3½d. each. 18 in. length, 6 in. wings.

RED ORNAMENTAL RIDGES.

[illegible] 2, 3 in crest, 6d; 4½ in. crest, 7d; 6 in crest, [illegible] per foot, [illegible] and [illegible] crest, [illegible]



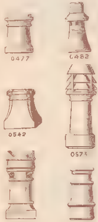


Our Red Ridges, Finials, and Chimney Pots are known throughout the Country for their superior colour and durability, resisting all influence of weather and chemical action of the atmosphere.

STANLEY BROS. LTD., Brick, Tile, Pipe, Terra Cotta, and Glazed Brick Works, NUNEATON.

Branch Works: BURSLEM, STAFF.; and WILLENHALL, COVENTRY.

0324 0325 0321 01040 0329 0331



0477 0482 0542 0573 0571 0506

PRICES IN TRUCKS AT WORKS

RED FINIALS.

0324 [illegible] 0325 [illegible] 1, 5/-; 01040, 10/-; 0329 [illegible] 0331 [illegible] 0385 [illegible] 6, 0386, 1[illegible] 0330, [illegible] 0131, 10/6.

CHIMNEY POTS.

	0477.	0479.	0482.	0484.	0506.	[illegible]
Buff	11d.	1/1	1/9	1/8	1/1	[illegible]
Red	1/-	1/2	1/11	1/10	1/8	[illegible]

	0500. 24-in	0533.	542.	0571. 36-in	0573. 30-in	[illegible]
Buff	11d.	2/5	1/3	3/2	2/7	[illegible]
Red	1/-	2/8	1/4	3/5	2/10	2/7

RED AND BUFF STRING COURSE AND PANELS.

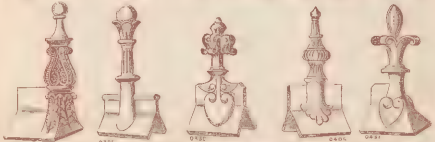
0751 to 0758, 1½d. per foot. 0769 to 0792, 4d. each.

MALT KILN TILES.

No. 1 pattern, Unglazed 7d.; Brown glazed, 9d. each.
" " 9d. " 11[illegible]

0479 0500 0529 0533 0484 0577

0751 0752 0753 0755 0757 0758



0385 0386 0330 0405 0431

MARTIN VAN STRAATEN,

TELEGRAPHIC ADDRESS
"PUCHAPAT, LONDON"

68, BASINGHALL STREET, LONDON, E.C.

We hereunder mention some of our Specialities, which are the most artistic Tiles at lowest possible prices.

DUTCH TILES.

DUTCH HAND PAINTED TILES, in 5"×5", from 1d., in 6"×6", from 1½d. each.
Mottled Colours, Green, Blue, Yellow, etc., in 5"×5", 1½d., in 6"×6", 2d. each.
White Glazed Tiles (in pure or [illegible] greyish white), in 5"×5", 1d., in 6"×6", 1½d. each.
Besides freight and packing, which cost will depend upon the quantity required.

Very Important. We must draw attention that formerly the Dutch Tiles have only been used in small quantities for fire-places, etc., principally on account of the very high prices then charged. They should be used in large quantities for lining bath rooms, halls, kitchens, larders, sculleries, schoolrooms, etc., which, at the prices they can now be obtained, can be very well done, as the 5"×5" landscape patterns (apprentice work) can be supplied at 1d. each.

Enamelled in the Antique Style.

For hearth, wall lining, and flooring. These Tiles are made in [illegible] different colours and in many different sizes, but are mostly used in 3"×3". Price in 3"×3", 8s. per yard, besides freight and packing.

White Glazed Tiles.

In 6"×6", first quality, 8s. 9d., second quality, [illegible] 6d. per yard.;
7¾"×4⅞" White Glazed Bevelled Tiles, 2½d. each.

FREE on Rail in London
FOR QUANTITIES OF
2,000 tiles and upwards.

French Tiles.

In many different sizes, but a great speciality for Wall-Lining in 4⅞" × 4⅞" (68 to a yard) at 5s. 6d. per yard, in blue, white, and many other colours; — 10 yards and upwards.

Unglazed Flooring Tiles.

A speciality in Red, Unglazed, Hexagon Tiles, 4⅛"×4⅛" (90 tiles to a yard), at the very low price of 3s. 9d. per yard; — 50 yards and upwards.

Glazed Flooring and Skirting Tiles.

A speciality in 9"×9"×1½" in green, yellow, and brown, at the price of 5d. each. Highly recommended for damp places. — 400 tiles and upwards.

Spanish Tiles.

These are made in many patterns, price in 6"×6", 3½d.; in 8"×8", 5½d. each. Also with lustres embossed, [illegible], 9d., in 6"×6", 1s.; — 20 yards and upwards.

Marble for Paving.

A speciality in 12"×12"×⅝", white and black with a black border, in first quality at 10s. 6d. per yd. — 20 yards and upwards.

Any quantity or other sizes required we shall be glad to estimate for.

Antique Dutch Tiles.

We also occasionally receive shipments of Antique Dutch Tiles in blue, white, and other colours Antique Spanish Tiles and Antique Fire-backs.

And, further, we have many other specialities too numerous to mention.

When [illegible] goods, we [illegible] want the cost will be carriage paid to any railway station [illegible] White Glazed Tiles [illegible] the same price [illegible] an addition to cover the extra freight, which will only be a trifle.

Architects are respectfully invited to inspect our Show Rooms. Catalogues and Samples will be sent free of charge on application.

We have dozens of unsolicited Testimonials of leading Architects, who have expressed themselves greatly satisfied with our Goods, and the promptitude of the execution of their orders.

MARTIN VAN STRAATEN,

LONDON [illegible]
AND SHOW ROOMS

68, BASINGHALL STREET, LONDON, E.C.

Josiah Wedgwood & Sons. Limited.

ETRURIA ——— STOKE ON TRENT.

(LONDON SHOW ROOMS – 108 HATTON GARDEN)

MANUFACTURERS OF

TILES OF EVERY DESCRIPTION

FOR WALLS OR FLOORS

SUITABLE FOR CHURCHES, PUBLIC-BUILDINGS, ENTRANCE-HALLS, CONSERVATORIES, BATHS, &c.

PATTERN-BOOKS & PRICES (WITH SPECIAL DESIGNS IF REQ^{D})

FREE ON APPLICATION.

Josiah Wedgwood & Sons, Ltd.

ETRURIA, Stoke-on-Trent.

LONDON HOUSE:- - 108 HATTON GARDEN.

MANUFACTURERS OF

TILES of every description.

(SEE OTHER SIDE.)

WAGHORNE'S PATENT VACUUM COWL.

Manufactured in Terra Cotta by

MESSRS. DOULTON & COMPANY, Lambeth.

THE ONLY CERTAIN, SIMPLE, AND SCIENTIFIC REMEDY FOR SMOKY CHIMNEYS.

In Terra Cotta, 3ft high.
Buff 25/- each.
Red 27/6 "

The main feature of the Cowl is a broad band formed into an ascending spiral, as shown

Any current of air impinging on the surfaces of the helix acquires a rotary ascending motion, thus creating a partial vacuum in the Chimney, causing a rapid up draught.

The stronger the horizontal pressure of wind or down draught from the exterior, the greater will be the up draught in the flue, so that a fierce blast or hurricane only makes the fire burn more brightly.

Manufactured also in Stout Zinc, for particulars of which see Sec. G. in this Compendium.

AGENTS–

WAGHORNE AND MILES,

146 & 148, HIGH STREET, CROYDON, S.E.

(ESTABLISHED OVER HALF A CENTURY.)

The Whitwick Colliery Company, Limited,

COALVILLE, NEAR LEICESTER.

Manufacturers of the

Celebrated "Whitwick" Red, White, and Buff Hand Pressed Facing Bricks and Floor Quarries
Terra Cotta, Enriched Mouldings, and Ornamental Brickwork to any design.

PARTICULARS AND ESTIMATES ON APPLICATION.

The quality of our extensive beds of Clay is of such a very high standard that we are enabled to execute work of the most delicate design, which for colour and durability cannot be surpassed

Telegrams:—"WHITWICK COLLIERY, COALVILLE."

Architects would oblige by mentioning the source of their information when communicating with the Firms represented in "The Compendium."

WEBB & CO.,

292, EUSTON ROAD,

LONDON,

N.W.

MOSAIC

TILES & MOSAIC.

MOST ARTISTIC TREATMENT IN EVERY MATERIAL.

DESIGNS & ESTIMATES FREE.

GLAZED TILES of Every Tint and Shape, with Highly Finished Mouldings.

FLOOR TILES TO ANY PATTERN.

TILES

IMPERISHABLE KERAMIC MOSAIC.
ROMAN MARBLE MOSAIC.
GRANITO AND VENETIAN MOSAIC.

RECENT WORK by WEBB AND CO.,

AT

The "Farringdon."
The "Peterborough," Walham Green.
"Horns," Kennington.
Clerkenwell Town Hall.
Claybury Asylum.
Kensington Palace Hotel.
Colman & Company, 108, Cannon St
Hove Swimming Baths.
Chartered Bank of India.
Leeds Liberal Club.
Jury's Hotel, Dublin.
Shoolbred & Co.'s Lavatories.
Free Hospital, Grays' Inn Road.
Alliance Bank, Streatham.
St. Illtyd's Church, Bridgend.

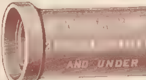
London and South-Western Bank, Stockwell, Sydenham and Clapham Junction.
"New Inn," Westminster.
"Old Dover Castle," Lambeth
"King Lud," Ludgate Circus.
"Swan," Walham Green.
"White Horse," Parson's Green.
British Tea Table Company's Branches.
Gatti's Restaurant, West Strand.
"Dullerton," Londonderry.
"Glengyle," Dublin.
Morley's Hotel, Charing Cross.
Preston Park, Brighton.
Under Order:—Clifton Turkish Baths, "Admiral Keppel," &c., &c.

GOLD MEDALS AWARDED BELFAST EXHIBITION, 1895.

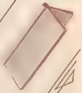
See Plate facing page 110 in The Architects' Compendium 1895.

MANUFACTURER OF

GLAZED STONEWARE



Price Lists & Pattern Sheets on Application.



ALL KINDS OF

SANITARY WARE,

Butt-Jointed Pipes, Flue Pipes,

Strong Salt-glazed KITCHEN SINKS AND CATTLE TROUGHS.

Glazed Stoneware Invert and Junction Blocks.

DAMP-PROOF COURSE.

Garden Edging and Ridge Tiles.

HENRY WYNDHAM,

The "Delph" Works, Ruabon, North Wales.

FIRE BRICKS, FIRE TILES, AND FIRE CLAY GOODS

OF ALL DESCRIPTIONS

WHITE & BUFF FACING BRICKS,

Moulded and Ornamental Brick Work.

BROWN SALT-GLAZED FACING BRICKS,

Paving Bricks, Coping Bricks,

RADIATED SEWER BRICKS,

Ventilating Bricks & Girds, in Stoneware or Terra-Cotta.

COPING FOR WALLS.

Truses, Vases, Balustrades,

Terra-Cotta Chimney Tops,

&c., &c.

Telegrams: "Wyndham, Ruabon."

ALL GOODS ARE MADE IN BLUE, RED, BROWN, AND BUFF COLOURS.

TELEGRAPHIC ADDRESS
WHEATLY TRENTVALE

WHEATLY & Co.,

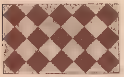
Springfield Tileries, NEWCASTLE, STAFFS.

The Works are situated in North Staffordshire, so justly celebrated for its fine Marl deposits, containing peroxide of iron, which, fluxing during the process of firing, gives that impervious body so well known as Staffordshire Blue.

The Red and Buff Goods are made from carefully-selected Marls, of dense and Adamantine character, and are of great durability.

Roofing Tiles can be supplied in Blue, Red, or any shade of Brown, and will be found extremely durable, resisting all influence of weather and chemical action of the atmosphere.

No 1



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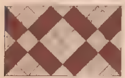

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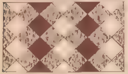


FLOORING TILES.

PRESSED ORDINARY QUALITY.

REGISTERED TRADE MARK.

		Red & [illegible]	Buff	
4×4×$\frac{7}{8}$	QUARRIES,	27/6	30/-	per 1,000
6×6×1	„	37/6	42/6	„
[illegible]	„	[illegible]	[illegible]	
9×9×1$\frac{1}{2}$		100	[illegible]	
12×12×1$\frac{1}{2}$		[illegible]	[illegible]	

PRESSED CROWN QUALITY.

W & C

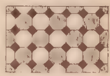
		Red & Blue.	Buff	
4×4×$\frac{7}{8}$	QUARRIES	30	[illegible]	per 1,000
6×6×1	„	[illegible]	[illegible]	„
[illegible]	„	[illegible]	[illegible]	
9×9×1$\frac{1}{2}$	„	[illegible]	[illegible]	„

PRESSED DOUBLE-CROWN QUALITY.

W & C

		Red & Blue.	Buff	
4×4×$\frac{7}{8}$	QUARRIES,	40/-	45/-	per 1,000
6×6×1	„	60/-	70/	„
9×9×1$\frac{1}{2}$	„	120,	140	
6×6×1	HEXAGON,	70/-	80	„
6×6×1	OCTAGON,	90,	100	„
2$\frac{1}{8}$×2$\frac{1}{8}$×1	DOTS,			
[illegible]	STRIPS	40	[illegible]	„
[illegible]		[illegible]	[illegible]	„
[illegible]		[illegible]	[illegible]	„
[illegible]		[illegible]	[illegible]	„

No 9



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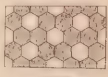


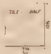
BORDERS

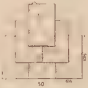
No 21

No 24

ROOFING TILES.

302





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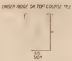


305

303

	Red or Brown	Blue.	
No 301	[illegible]	37/6	per 1,000
30[illegible] [illegible]	[illegible]	[illegible]	„ „
31[illegible], 310A	[illegible]	[illegible]	„ „
[illegible]	70/-	75/-	„ „
31[illegible]	[illegible]	3d	each

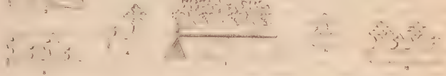
314

306

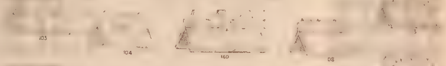
WHEATLY & CO., Springfield Tileries, Newcastle, Staffs.

ALL GOODS ARE MADE IN BLUE, RED, BROWN, AND BUFF COLOURS.

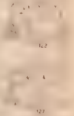
GROOVED RIDGE ORNAMENTS.



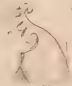
FAST TOP RIDGES.

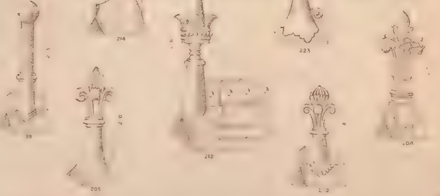


No. 1	[illegible] each	No. 103	8d. each.	No. 1[illegible]	[illegible] each
[illegible]	[illegible]	[illegible]	8d.	202	[illegible]
1	1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]	11	7[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]		



RIDGE FINIAL.





WHEATLY & Co., Springfield Tileries, Newcastle, Staffs.

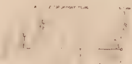
ALL GOODS ARE MADE IN BLUE, RED, BROWN, AND BUFF COLOURS.

HIP VALLEY GABLE AND WALL TILES.

AIR BRICKS.

313

312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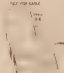
318



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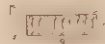
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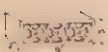
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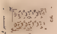
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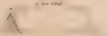
9

RIDGE TILES.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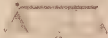
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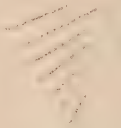
DIAGRAM SHEWING PITCH OF RIDGE TILES



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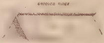

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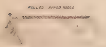
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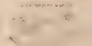
67

VENTILATING RIDGE TILES.

80

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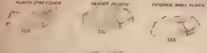

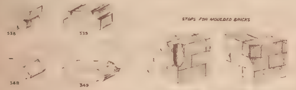

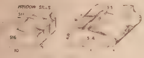

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[illegible]	[illegible] each
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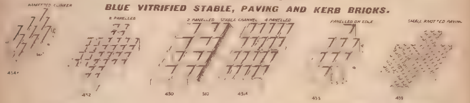

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[illegible]	[illegible]
510	[illegible] each
512	[illegible]
513	[illegible]d
[illegible]	[illegible] per [illegible]
[illegible]	[illegible]
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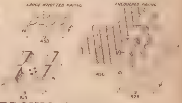
[illegible]	[illegible]d each
528	[illegible]



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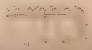
[illegible]	[illegible] 7½	7[illegible]	" 617	9×7½	7[illegible]
[illegible]	[illegible]	[illegible]			



The Complete Catalogue

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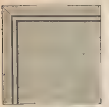
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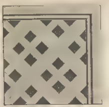
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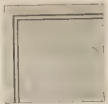
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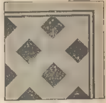
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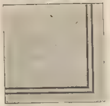
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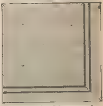
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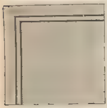
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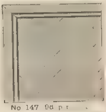
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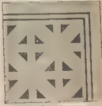
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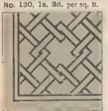
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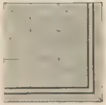
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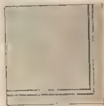
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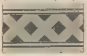
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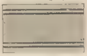
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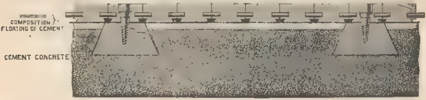
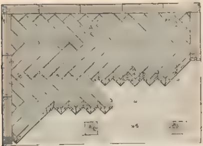
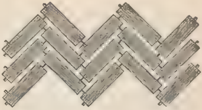


End Section of W. Duffy's Patent "Immovable Acme" system of Wood Block Flooring



Surface View, showing the position of bonding blocks (marked A) to which the superposed flooring is secured.



Surface View, with open joints, showing the method of Dowelling.

The wear sustained in a Public Establishment like the **Gaiety Buffet, Strand**, where it is laid, is the very highest recommendation, here it is truly tested in every possible way by heat, wet, heavy and constant traffic, yet its appearance to day is quite as good as the day it was laid, and we respectfully beg Architects' special attention to this Floor.

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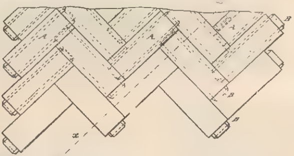

SUPERIOR FINISH.

The above is a skeleton plan illustrating one of the many methods in which the blocks may be laid. When the blocks are laid in any desired pattern the tongues B b enter the dovetail rabbets of the other blocks, and thereby bind them together in such a manner as to prevent the removal of any block, without displacing the whole floor.

This diagram gives isometrical view of block. The blocks are dovetail rabbeted on the under sides, as shown at *A a*, and continued to form tongues at *B b*

This is a section of the flooring through *x x*. *(See above illustration.)*

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b.—Laid as easily as the old-fashioned square-block flooring.

c.—Impossible to move any single block when once in position, except under our special system, adapted for hot-air, gas, water, and other pipes, and hereafter to be described (*see e*).

d.—Firmly held to the substructure by means of our specially prepared Mastic Composition, which effectually holds the blocks under very high temperatures; it never becomes brittle; it has a natural affinity for all kinds of wood, and adheres equally well to concrete.

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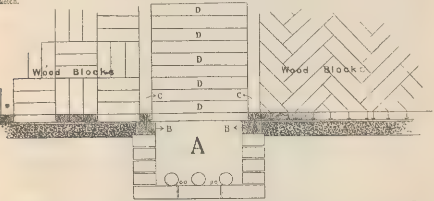
e.—Surmounts a difficulty long experienced by Architects, viz.: that of obtaining easy access to hot air, gas, water, and other pipes, for purpose of repairs, &c., without destroying or injuring the main floor, as will be seen by reference to the following sketch.



A is the channel in which is laid all piping, B are wood curbs, to which are screwed the movable borders C. These borders effectually secure blocks D, and by simply unscrewing and removing one of the said borders, the blocks forming the cover to channel A are easily lifted. Repairs having been effected, the blocks are replaced the borders rescrewed, and the floor rendered as perfect as before.

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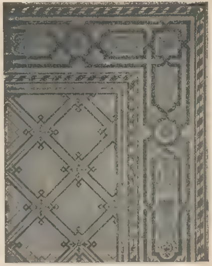

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		Square Framed.	Moulded one side.	Moulded both sides.	Moulded on solid both sides.
6ft. 6in. by 2ft. 6in. by 1½in. ...	at	5/4	6/1	6/10	5/7
6ft. 8in. by 2ft. 8in. by 1½in.... ...	„	5/8	6/5	7/2	5/11

9 by 4½ Framing

HIGH-CLASS ♦ TURNERY.

NEWELS, BALUSTERS, &c.

DRY MAHOGANY, WALNUT, OAK, BIRCH, KAURI PINE, OREGON PINE, SEQUOIA, &c.
SHEDDED FLOOR BOARDS, MATCHINGS, &c.

ELECTRIC CASINGS IN ALL NEWEST DESIGNS.

Total width.		Total depth.		Per 100ft. run	Total width.		Total depth.		Per 100ft. run
1⅛in	by	⅝in	at	4 9	2¼in	by	1in	at	8 6
1½in.	by	⅝in.	„	5 -	3in	by	1⅛in	„	12 6
1¾in	by	¾in	„	5 10	3¼in	by	1¼in.	„	15 3
2in	by	¾in.	„	6 4	4½in	by	1½in	„	21/9
2¼in.	by	¾in	„	6 9	5½in	by	1¾in.	„	32 6
2⅛in.	by	⅞in.	„	7 2					

THE ABOVE PRICES ARE IN AMERICAN WHITEWOOD

Telegraph and Telephone Posts. Slates of all kinds.

Slate Shelving Ready for fixing.

PATENT ♦ BOARDED ♦ ROOFING.

Cheapest and Best Covering for Farm Yards. WARM & PERFECTLY VENTILATED.

		Per yard superficial.		
1in.	at	1/4	prepared	4d. per yard extra if creosoted.
1¼in.	„	1/7	„	5d. „ „ „ „ „

Kindly name Compendium when ordering.

B

Telegraphic Address "BALTIC" LEICESTER.

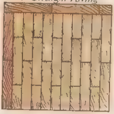
Hollis Bros & Co.

Nat. Telephone No 148.

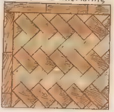
Wood Block Flooring Manufacturers.

LAID COMPLETE.

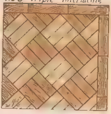
No 1 Straight Paving



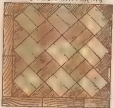
No 2 Broad Interlacing



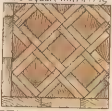
No 3 Triple Interlacing



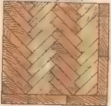
No 4 Double Interlacing



No 5 Square Interlacing



No 6 Herring Bone



ANY OTHER DESIGN TO ORDER.

OUR Manager having successfully carried out some of the best work in the country, we are in a position to guarantee satisfaction. Seasoned Block Strips always in Stock Work can be executed in any part of the United Kingdom, but prices given below are

LAID COMPLETE WITHIN 80 MILES OF WORKS.

Thoroughly cleaned off on completion and including necessary Mastic Builder to provide Concrete Bed ready to receive Blocks.

These are much below London - Prices and all EXPENSES INCLUDED.

	RED DEAL.			PITCH PINE.		
	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$1\frac{1}{4}$	$1\frac{1}{2}$	2
No. 1, per square	45/-	51/6	60/-	57/6	65/-	75/-
" per yard	4/1	4/9	5/6	5/3	6/-	6/9
Nos 2, 3 extra per square ...	2 3	2 6	2/9	2 6	2/9	3 -
and 4 " " yard .	2½d	2¾d	3d	2¾d	3d	3¼d.
Nos 5 and 6, extra per square	3 -	3/9	4 6	3/-	3/9	4/6
" " " " yard...	3½d.	4½d.	5d.	3½d.	4½d.	5d.
Burnettising, extra per square	1/10	2 9	3 8	1 10	2/9	3/8
" " " yard...	2d.	3d	4d	2d	3d.	4d.

No Railway Fares, Lodgings, Carriage, &c.

Special estimates for large jobs. Smaller quantities than 100 yards charged extra.

ROUGH PLAN should be submitted with all enquiries.

Ordinary Cutting to Straight Walls [illegible]

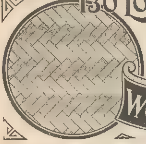
Kindly name Compendium when ordering.

PARQUET FLOORING

DE GRELLE HOUDRET & Co

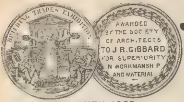
130 London Wall

LONDON E.C.



Designs & Price Lists on Application.

WOOD BLOCK FLOORING



PLYMOUTH 1885.

J. R. GIBBARD,

Wood Block Flooring Manufacturer,

Registered, "RELIABLE," No. 70,247.

ST. SIDWELL'S, EXETER.

BEST MATERIALS. RELIABLE WORKMANSHIP.

In asking for Price send size of Rooms, their use and thickness of block required

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WOOD BLOCK FLOORING

For CHURCHES, SCHOOLS, OFFICES, BASEMENTS, &c., &c.

Telegraphic Address—"GENUINE" LONDON.

Special Designs and Estimates on Application.

All Goods Burnetized and Cut from Large Stock of Best Seasoned Timbers.

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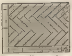


Common Herring Bone

No 2

Common Interlacing.

MR. WHITE'S SYSTEM.

THOS. GREGORY & CO.,

Original Manufacturers,

WOOD PAVING & STEAM JOINERY WORKS,

CLAPHAM JUNCTION,

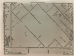
. . LONDON, S.W.

Agents -J. D. KELLY & CO.,
4, Sweeting Street, Dale Street, Liverpool.

No. 3.

Interlacing with Squares.

No 4



Small Interlacing

Special Designs and Estimates on Application.

Deal, Pitch Pine, Oak, Mahogany, Walnut, Teak, Beech, &c., &c.

HIGHEST AWARD, CHICAGO EXHIBITION, 1893 FOR " INGENUITY AND EFFICIENCY, OF EBNER S FLOORS.

Awards—

GOLD MEDAL, MELBOURNE, 1888 FIRST CLASS DIPLOMA, ADELAIDE, 1887.
GOLD MEDAL, SOCIETY OF ARCHITECTS, 1886 & 1887.
GOLD MEDAL, LIVERPOOL 1886.
SILVER MEDAL, HIGHEST AWARD, INVENTIONS EXHIBITION, LONDON, 1885.
GOLD MEDAL, HEALTH EXHIBITION, LONDON, 1884. FIRST DIPLOMA, DELFT, 1885.

The following Awards also made for Hydrofuge Flooring—

GOLD MEDAL, AMSTERDAM, 1883. DIPLOMA, GHENT, 1883
DIPLOMA OF HONOUR, ANTWERP, 1885.
GOLD MEDAL, PARIS, 1889.

PARQUET AND HARD WOOD JOINERY,

Manufactured by

Telegraphic Address—"EBNERS, LONDON." Code, "UNICODE."

JOS. F. EBNER,

Telegraphic Address—"EBNERS, LONDON." Code, "UNICODE."

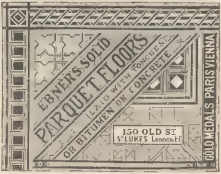
150, OLD STREET, ST. LUKE'S, LONDON, E.C.

1 INCH AND ½ INCH

Solid Parquet

ALWAYS IN STOCK

DESIGNS and ESTIMATES on APPLICATION.



Parquet de Luxe

MADE TO ORDER.

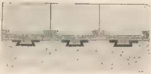
DESIGNS and ESTIMATES on APPLICATION.

PARQUET ON PATENT HYDROFUGE SYSTEM FOR LAYING ON CONCRETE, ALWAYS IN STOCK. FOR DESCRIPTION SEE BELOW.

ELEVEN GOLD MEDALS AND HIGHEST AWARDS.

EBNER'S PATENT HYDROFUGE SYSTEM FOR FLOORS.

FIREPROOF, DAMP PROOF NOISELESS, FREE FROM DRAUGHT AND PROOF AGAINST RAVAGES OF DRYROT, VERMIN, OR DISEASE GERMS



By this System a PERFECT and DIRECT KEY is obtained between the WOOD BLOCKS and the CEMENT FOUNDATION, by means of a hard setting BITUMEN, which FORMS A DAMP COURSE. The Bitumen is applied hot in a fluid state, and sets hard.

The Metal Channels shown in black are pressed into the cement floating whilst plastic. THE KEY FORMS ITSELF MECHANICALLY, and therefore can neither be FORGOTTEN OR SCAMPED UPON COMPARISON this System will be found to be the ONLY ONE giving an ABSOLUTE KEY into foundation; which is vital.

INFRINGEMENTS. Having recently had to enforce Royalties in instances where my Patent had been pirated Architects are warned against persons proposing to lay the above, or any system of Wood Block or Parquet Floors with a direct attachment to the underfloor by means of undercut grooves, or oblique holes into which the bitumen sets.

Peferences to Works Executed on application. For Ebner's Mosaic Floors see Page 501.

Telegraphic Address
"GODDARD, FARNHAM."

GODDARD'S
PATENT WOOD BLOCK FLOORING.

"Simple, Perfect, and Immovable."

THIS system of Wood Block Flooring has stood the test of time, and is pronounced to be the best, most simple, and perfect floor yet introduced. The Blocks are grooved at the sides, with a tongue or tenon on the ends, fitting closely together, (*see* FIG. 1), forming, when laid, a perfect dovetailed, immovable floor. The tongue being cut on the ends of Blocks, there are no loose parts which by carelessness or negligence of workmen can be omitted. The Blocks are laid in a damp-proof composition, firmly securing them to the cement bed, and although many hundred thousands squares have been laid, in no instance have they failed or worked loose.

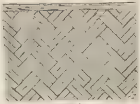
These Blocks are manufactured from the very best and most seasoned woods, specially imported, in Pitch Pine, Deal, Wainscot, and Teak.

There are a variety of patterns in which these floors can be laid, the Herring Bone (No. 1), however, is the cheapest and one of the most effective.

Fig 1

Reference given to a large number of Churches, Colleges, Convents, Institutes, Banks, Schools, Clubs, &c., &c., amongst others the Imperial Institute, Bishopsgate Institute, Bank of England, London & County Banks, Capital & Counties' Banks, &c.; St. George's Church, Hanover Square, W.; St. Saviour's Church, Southwark, S.E.; Eton College; Royal School of Music, Kensington, W.; New Church House, Westminster; Cambridge Municipal Buildings, Head Quarter Offices, Aldershot Camp.

No 1



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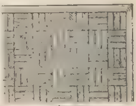

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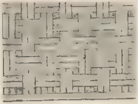
No 4



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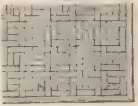


No 6

Prices and further particulars on application to the Patentees—

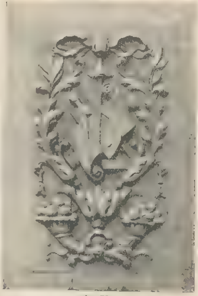
GODDARD & SONS,
WOOD BLOCK FLOORING WORKS,
FARNHAM, SURREY.

H. HERMANN, Ltd.,

11, Dod Street, Limehouse, London, E.

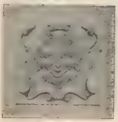
No 69

No 56



No 79

No 57



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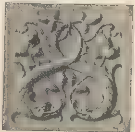

No 21.

No. 50.

H. HERMANN, Ltd.,

11, Dod Street, Limehouse, London, E.

No. 86.

CARVING DEPARTMENT.

We are now in a position to supply Carved Panels, Friezes, and General Decoration Work of all Sizes and Designs to Cabinet Makers, Architects, Builders, Shop and Bar Fitters, Railway Carriage Builders, Ships' Cabin Fitters, Pianoforte Manufacturers, House Furnishing Ironmongers, Decorators, Coal Vase Manufacturers, Overmantel Makers, &c.

We keep a large quantity of Carvings of various sizes and Designs in stock, and will, also, when quantities are required, furnish Quotations for Special Designs in every kind of Wood, at very low prices, our work being of a Highly Artistic Character and Finish.

PRICE LISTS

AND DESIGNS

Can be obtained on Application.

Showrooms—

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AND

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Birmingham Representative—

Mr. E. R. MORLEY,

36, CANNON STREET,

Who keeps a large collection of samples.

50,000

adopted.

NOW SPECIFIED BY ARCHITECTS GENERALLY.

NO BUILDING COMPLETE WITHOUT THE N. A. P. WINDOW

EXISTING WINDOWS ALTERED FROM **10/-** EACH.

NO BUILDING COMPLETE WITHOUT SAFETY WINDOWS.

THE **N. A. P. WINDOW** everywhere acknowledged to be a perfect solution of the Window - Cleaning Problem.

ADVANTAGES RENDER THE SMALL EXTRA COST INSIGNIFICANT COMPARED TO THE COST OF A BUILDING.

THE N. A. P. SLIDING WINDOW FITTINGS

Cost either 6s. 6d. or 12s. 6d. each set; and their application to a pair of double-hung Sashes ensure the following

ADVANTAGES.

1. Frames exactly similar to those of ordinary windows.
2. Sashes which slide up and down as ordinary windows.
3. General appearance similar to ordinary windows.
4. Safe outside cleaning effected by top or central horizontal suspension during cleaning, thus insuring immunity from strains at the angles of the sashes, and consequent [illegible]
5. Economical cleaning and [illegible]
6. Non-interference with window-sill plants during cleaning.
7. Non-interference with outside sun-blinds during cleaning.
8. Instant removal of the sashes when desired without interfering with a single screw, thus ensuring:—
   (a) Ready renewal of cords without opening sashes.
   (b) Ready admission [illegible] of furniture.
   (c) Whole void of window-opening available for the admission of air, if desired.
   (d) The re-glazing of the sashes in safety within the room.
   (e) The painting of the sashes in safety within the room.

Models will be forwarded on application to the N. A. P. Window Co.,

159, VICTORIA STREET, WESTMINSTER.

HOWARD'S
Mantel Pieces
30
NEW DESIGNS on
View, with Grates,
Tiles and Marble-slips
Complete.
MACHINE-MADE
PANELLINGS.
In Oak wax polished
From 2 shillings per Super! foot.
PARQUET-FLOORING
from 3d per foot.
A New Book of DESIGNS Post free 2/6
25·26·&27 Berners Street,
Oxford Street W.
A Speciality
Making Decorations and Woodwork
to ARCHITECT'S DESIGNS.
DENTELLES-MURALES
DECORATIONS.
Steam factories, Cleveland Works,
Cleveland Street. W.

PARKERS, LIMITED,

Works, CONYBERE ST.; Showrooms, PARADISE ST., BIRMINGHAM.

GOLD MEDAL AWARDED FOR **WOOD CHIMNEY PIECES.**

The Largest Manufacturers of WOOD CHIMNEY PIECES in the KINGDOM

Made in all Woods from 8s. to £100.
DESIGNS & ESTIMATES FURNISHED.

Manufacturers of
JOINERY + WORK
OF ALL KINDS.

Output of Doors, 1,000 per Week.

DOOR FRAMES,
SASHES & FRAMES,
HIGH-CLASS
MOULDINGS in HARD
and SOFT WOODS,
WAINSCOTING,
WOOD PANELLING,
ARCHITRAVES,
CORNICES, SKIRTING,
STAIR WORK,
NEWELS
and BALUSTERS
Turned or Thurmed.

A few of the Buildings Fitted up by us—
BIRMINGHAM TECHNICAL SCHOOL,
BIRMINGHAM POST OFFICE,
NEWCASTLE POST OFFICE,
AND MANY OTHERS.
BIRMINGHAM SMALL POX HOSPITAL,
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CABINET MAKERS.
INTERIOR WOODWORK,
SIDEBOARDS,
INGLE NOOKS.

Modern School Furniture.

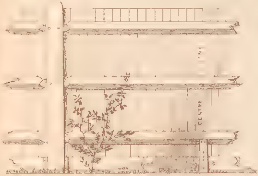
Fittings for
MISSION HALLS,
ASSEMBLY & LECTURE ROOMS,
CHEMICAL LABORATORIES,
ART SCHOOLS, ETC.

Complete Furnishing Contractors to the New
TECHNICAL SCHOOL,
BIRMINGHAM.

Ye Olde Park Pale Fencing

IN SOLID BRITISH OAK

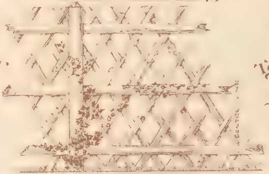
without capping



with capping

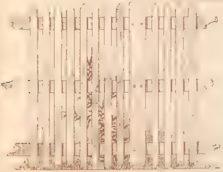
Please write for Catalogue

Taylor & Brooker
British Timber Works
Dorking

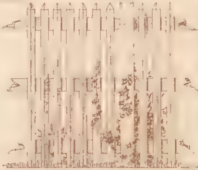


Larch Diamond Rustic Fence

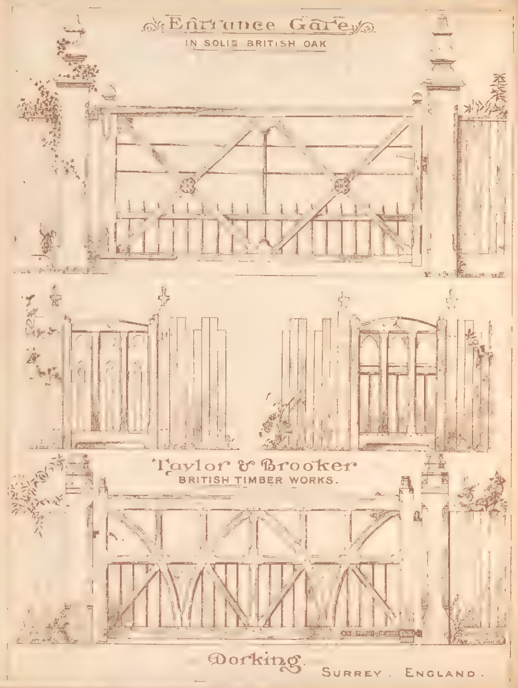
Taylor & Brooker
British Timber Works
Dorking



Palisade Fencing



Arras Palisade Fencing


Entrance Gate
IN SOLID BRITISH OAK
Taylor & Brooker
BRITISH TIMBER WORKS.
Dorking. SURREY. ENGLAND.

STEINITZ & JEFFERISS,

Under the Patronage of H. M. the Queen.

ESTABLISHED 1842

By Appointment. **45, Grove Lane, Camberwell, London, S.E.**

PARQUETRY, MOSAIC, and Wood Block Floors.

First Parquetry Manufactory established in England.

Telegraphic Address—"JEFFERISS, LONDON."

REFERENCES.

H. M. The QUEEN, Windsor Castle.
H. R. H. The PRINCE OF WALES, Sandringham.
His Grace The DUKE OF BUCCLEUCH, Montagu House.
His Grace The DUKE OF WESTMINSTER, Grosvenor House and Eaton Hall.
*Right Hon. LORD TWEEDMOUTH, Brook House.
BARON F. DE ROTHSCHILD, 143, Piccadilly, and Waddesdon
*J. S. HODGSON, Esq., South Audley Street, and Haslemere.

Royal Hants. County Asylum, Winchester.
Royal Free Hospital, London.
Criterion Banqueting Hall.
Manchester Cathedral.
The Oratory, Brompton.
City Bank.
London University.
Royal Exchange.
Houses of Parliament.
Residence of H. Irving, Esq.
His Grace The Duke of Portland.
Rt. Hon. The Earl of Ilchester.
Rt. Hon. Earl Onslow.
Rt. Hon. Earl Northesk
Rt. Hon. Lord Kinnaird
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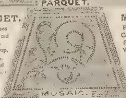
Rt. Hon. G. J. Goschen.
Hon. H. Bourke.
Alfred Rothschild, Esq.
Leopold Rothschild, Esq.
Colonel North
Jersey Public Library.

The late Lord Leighton.

* Photos of these and other floors in Art Parquetry on application.

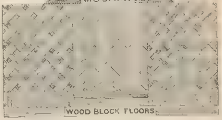
PARQUET.

1" for new houses
½" for covering old and worn floors.
1" from 1/- ft. sup.
½" ,, 9d ,,
Any Pattern laid on concrete in our special composition.



MOSAIC.

For Hall Steps, Conservatories, &c., from 7/6 per sq. yd.
WOOD BLOCK FLOORS in Deal, Oak, Pitch Pine, Teak and other Woods.



ALSO THE FOLLOWING ARCHITECTS AMONGST OTHERS:—

Sir A. Waterhouse, Colonel R. W. Edis, F. Verity, Esq., Professor George Aitchison, B.A., W. Butterfield, Esq., D. Brandon, Esq., T. Cutler, Esq., W. Harvey, Esq., D. Matthews, Esq., Norman Shaw, Esq.

WOOD BLOCK FLOORS can be laid in a variety of designs, and with our system of laying the blocks are firmly fixed to the concrete. Designs and prices free on application. Special quotations and all particulars of fixing sent on receipt of plans and particulars of work required.

TURPIN'S
PARQUET FLOOR, JOINERY & WOOD CARVING Co., Ld.,

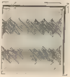
OFFICES AND SHOWROOMS,

22, QUEEN'S ROAD, BAYSWATER, LONDON, W.

ESTABLISHED • 28 • YEARS.

PARQUET FLOORINGS. WOOD BLOCK FLOORINGS.

ARTISTIC JOINERY.



PARQUET. INCH THICK PARQUET and OAK FLOOR BOARDS, from 7d. per foot super. Solid throughout, for laying direct on Joists, Wood or Concrete Floors.
5/16 INCH THICK PARQUET, from 4d. per foot super.
TURPIN'S Patent Construction for laying on Wood, Concrete, or Stone Floors. (*See Construction*).

Specialities.

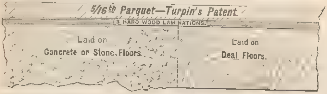
WOOD BLOCK FLOORS (TURPIN'S PATENT). (*See Construction next page*)
In Oak, Teak, Pitch Pine, Best Deal, and Antiseptic Beech.

ITALIAN MARBLE MOSAICS.
For Pavements and Wall Decorations.

ARTISTIC JOINERY. For Panellings, Mantelpieces, Panelled Ceilings, Staircases, Doors, Handrails and Balusters, &c.

WOOD CARVINGS. Architectural and Furniture
Drawings in any style executed for the Trade.

THIN PARQUET (TURPIN'S PATENTS) & PORTABLE PARQUET.



PORTABLE AND REMOVEABLE PARQUET,
made on Turpin's Improved Patent System, is supplied for temporary use in Ball-rooms, and for Borders in Reception Rooms, can be laid by any inexperienced person in a few hours.

OVER TEN MILLIONS SUPERFICIAL FEET OF THIS PARQUET HAVE BEEN SUPPLIED TO THE TRADE DURING THE LAST 15 YEARS.

SPECIAL STOCK NOTICE. TURPIN'S COMPANY'S Stock of thoroughly TESTED SEASONED FLOORS, exceeding One Million Superficial Feet, is kept in Store Rooms specially fitted to retain an even dry temperature all throughout the year.

TURPIN'S

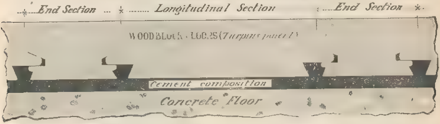
ITALIAN MARBLE & CERAMIC MOSAICS FOR FLOORS & WALLS,

AND

TERRAZZO PAVEMENTS.

WOOD BLOCK FLOORING (TURPIN'S PATENT),

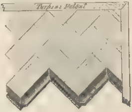
OAK, ANTISEPTIC BEECH, TEAK, PITCH PINE, DEAL, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ & 2 inch thick in Stock.



1 in. OAK BLOCK FLOORING.

At 4/10½ per yard super.

Prepared on TURPIN'S PATENT SYSTEM of laying on Concrete, Wood, and Stone Floors, perfectly interlocking all the Sections with each other by means of specially constructed grooves and tongues rendered further bonded and secured to foundation by means of dovetail groove joints filled in with Waterproof Patent Cement Composition.



The dotted lines shown on the drawing illustrate the perfect System of Interlocking the Blocks with each other.

1 inch ANTISEPTIC BEECH BLOCK FLOORS,

At 4/6 per yard super.

Prepared by TURPIN'S System of Antiseptic infusion, by which the sap is forced out of the wood and replaced by ANTISEPTIC CHEMICALS, at the same time hardening the timber, especially adaptable for **CHURCHES, BOARD SCHOOLS HOSPITALS**, and other public buildings, as the spread of fever and contagious diseases is effectually prevented by its use.

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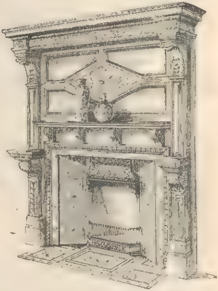

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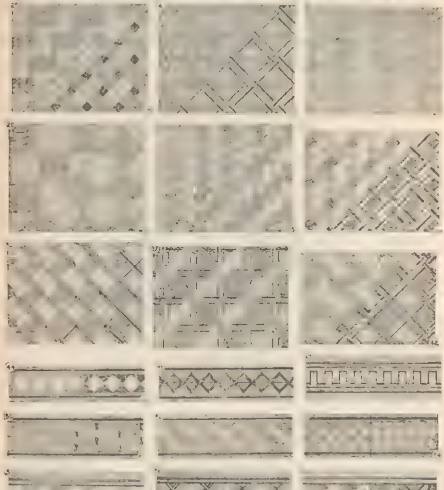
Designs for Parquet Floors. Sheet No. 2



PORTABLE PARQUET FLOORS [illegible] ON HIRE [illegible]

Designs and Prices on Application.

FILLINGS

Nos.	1 in. Thick. s. d.	½ in. Thick. s. d.	Nos.	1 in. Thick. s. d.	½ in. Thick. s. d.	Nos.	1 in. Thick. s. d.	½ in. Thick. s. d.
24	1 3½	0 11	23	1 2½	0 9½	36	1 8½	1 1½
28	[illegible]	[illegible]	24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	1 4½	1 0½	25	1 2½	0 10½	41	1 5½	1 0½
[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
22	1 2	0 9½	34	1 7½	1 1½			
[illegible]	1 2½	0 9½	35	1 3½	1 0½			

BORDERS WITH FILLINGS.

Nos.	1 in. Thick. s. d.	½ in. Thick s. d.	Nos.	1 in. Thick. s. d.	½ in. Thick. s. d.	Nos.	1 in. Thick. s. d.	½ in. Thick. s. d.
44	1 10½	1 5½	51	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
40	2 9½	2 3½	53	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
50	2 3½	2 0	55	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

COMPLETE PRICE LISTS ON APPLICATION.

SEE PAGES 5[illegible] and 5[illegible] FOR DESCRIPTIVE PRICE LISTS OF MOSAIC AND MARBLE TILE DESIGNS

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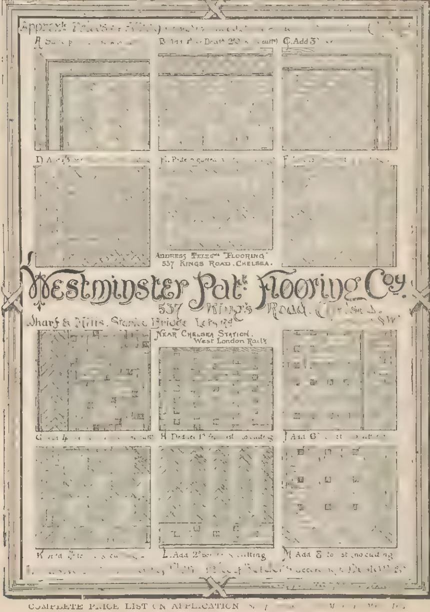

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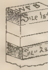
WRIGHT & Co. NEW MALDEN SURREY

PATENT BUILDING AND FIXING BLOCKS

BLOCKS STAMPED W.F.B — SOUND CONSTRUCTION

WRIGHT'S WELL KNOWN FIXING BLOCKS
ARE MADE OF FIREPROOF CONCRETE
THEY AFFORD A PERFECT HOLD FOR NAIL & SCREW,
ENTIRELY SUPERSEDE WOOD PLUGS GROUNDS ETC
DO NOT BURN SHRINK OR DECAY IN WALLS
STAMPED ON (W·F·B) EVERY BLOCK

SIZES AND PRICES — NETT ON RAIL NEW MALDEN



FOR - JAMB - LININGS - ETC

Size 1 (9 × 4¼ × 2¾) London & South £5 per M
" 4 (9″ × 4¼″ × 3⅛″ North Country £6 " "

FOR - SKIRTINGS - MATCH - BOARDING - ETC

Size 2 (9 × 5⅛ × 2¾) London etc £5-10s per M
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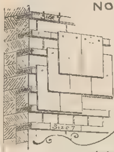
NO PLUGGING — NO-BATTENS — NO-NAILING-TO-JOINTS
NO RISK OF WIND STRIPPING



Size 7 (9″ × 5⅛″ × 1½″) 70s/ per M
N-B ABOUT 32 BLOCKS PER YD SUPL OF TILING

FOR BOARDED FLOORS DIRECT ON CONCRETE

Size C 12″ × 3″ (top) × 2¾″
Price 2d each or per ft lin!

DRY ROT IS PRACTICALLY PREVENTED BY COATING UNDERSIDE OF BOARDING WITH CARBOLINEUM & TAR

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The "INSEPARABLE" Compo-backed Hard-Wood Floor-Blocks.

(PATENT APPLIED FOR).

By this New System a perfect adhesion to the Concrete is secured by simply bedding the Blocks in Portland Cement Grout.

ADVANTAGES CLAIMED.

Absolute Hold-down.
Simplicity of laying.
Economy!
Solidity!
Floors finish 1 Inch thick.

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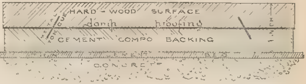

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ADVANTAGES.

SOUND. Not a single joint introduced beyond parting-beads.
SIMPLE. [illegible]
SAFE. [illegible]
STRONG. [illegible] stiles, applicable to plate Glass.

UNEQUALLED FOR MULLION WINDOWS.

MORE LIGHT [illegible], and **cost of Fittings** more than [illegible] stone Mullions.

EXTENSIVELY USED FOR HOTEL BAR WINDOWS.

USED BY LEADING ARCHITECTS, for Hospitals, Workhouses, Hotels, &c.

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MAHOGANY,
WALNUT,
WHITEWOOD,
YELLOW PINE
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OAK, ASH,
BIRCH, &c.,
Ready for use.
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The Wood Block Flooring Co

MOSAIC TILING PARQUETRY

NOISELESS · WARM & DRY · NON-SLIPPERY · PROOF · AGAINST · DAMPNESS & DRY ROT & SANITARILY · PERFECT ·

SECTIONS · of · FLOORS · LAID · BY · THE · W·B·F·Co·

GEARY'S · PATENT "INVINCIBLE" · SYSTEM ·

EVERY BLOCK · IS SECURED · TO THE SUB-STRUCTURE · BY · MEANS · OF · METAL · KEYS OR · STUDS · DOVETAILED INTO · THE BLOCK · · ONE END · OF THE · KEY BEING FIRMLY · EMBEDDED · IN THE · MASTIC · ETC ·

NO OTHER SYSTEM · POSSESSES · THIS · ADVANTAGE · · FOR FLOORS · WHICH · WILL · BE · SUBJECTED · TO · HEAVY · TRAFFIC · AND · ROUGH · USAGE · THIS · SYSTEM · IS · INCOM- · PARABLE · AS · THE · BLOCKS · CANNOT · BE · LOOSENED ·

THE FOLLOWING PRICES · are · APPROXIMATE : ONLY : Special Quotations given ·

	1"	1¼"	1½"	2"
RED or YELLOW DEAL	—	5/-	5/6	6/6
WHITE WOOD	—	4/10	5/3	6/3
PITCH PINE	5/-	5/6	6/-	7/-
BIRCH	6/-	7/-	8/-	9/6
BEECH	6/6	7/3	8/3	9/10
MAPLE	6/6	7/3	8/3	—
KAURI PINE	6/9	7/6	8/6	9/9
OAK (WAINSCOT)	8/-	9/3	10/6	12/6
WALNUT	9/-	10/6	12/-	14/-
TEAK	10/-	11/6	13/-	—
JARRAH	10/-	11/6	13/-	—

* SPECIAL QUOTATIONS for 3" DEAL & PITCH PINE

· Per Super Yard · LAID · COMPLETE · including · all · expenses · and ordinary cutting to square · walls · for · not · less · than · 150 · yards · (IN FAIR AVERAGE SPACES).

IF LAID as per SECTION B } 9 d · per yard · extra ·
" " " " C }

· WHEN APPLYING for QUOTATIONS · A FIGURED · PLAN · (HOWEVER ROUGH) · SHOULD BE · SENT ·

ALL BLOCKS are thoroughly · desiccated.

· Parquet · Floors — ¼" ½" ¾" & 1" · solid · laid · complete Estimates · given on · receipt · of · particulars ·

SPECIFICATION — Architects · are · respectfully · asked · to · describe · as · follow: "TO BE LAID COMPLETE by the WOOD BLOCK FLOORING Co., 9-11 Queen Victoria · St ... ON THE (A-B or C) PATENT SYSTEM."

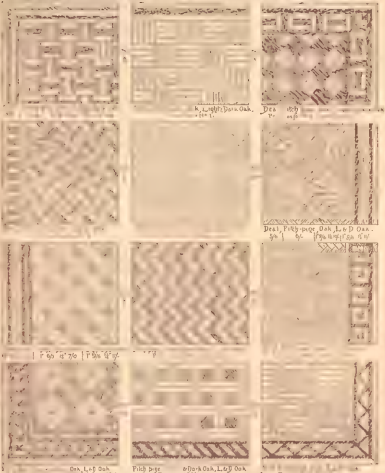
· 11 · QUEEN · VICTORIA · ST · LONDON E.C.

And at 46a, MARKET STREET, MANCHESTER.

WOOD BLOCK FLOORING DESIGNS

The Wood Block Flooring Co.

LONDON·E.C



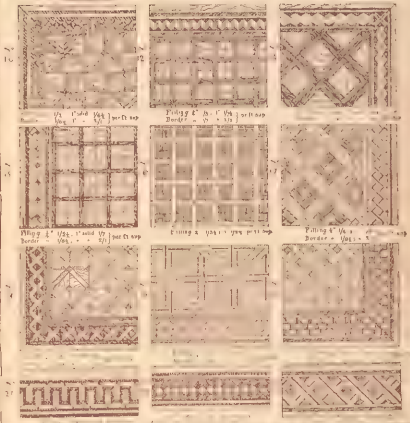
11, QUEEN VICTORIA STREET, E.C. (Mansion House Chambers).

PARQUET DESIGNS

THE WOOD BLOCK FLOORING Co.

11, QUEEN VICTORIA ST., LONDON, E.C.,

And at 46a, MARKET STREET, MANCHESTER.



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The Complete Catalogue

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Asphalting in all its Branches by competent Workmen, with British or Natural Asphalte in all parts of the Kingdom.

For Hydraulic Work, such as Reservoirs, Gas-holder Tanks, Swimming Baths, &c. Flat Roofs of Mills, &c. Damp-Proof Basements (Vertical or Horizontal) in Warehouses, Works, Cellars of Houses. Flooring of Sheds where there is heavy traffic. Tar Paving for Garden Walks, Playgrounds, Tennis Courts, &c. Also Asphalte in Blocks for home use or export. Instructions for laying supplied.

Dealers in every description of Building Material, Cements, Plaster, Fire Bricks, Drain Pipes, Slates, &c., &c.

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SILICATE COTTON may be applied in a variety of ways. In the loose or natural form, by packing it underneath sheet-iron, zinc, wooden lagging, canvas, or cardboard, woven with yarn or wire in strips, or felted with wire netting.

NONE GENUINE WITHOUT THIS BRAND

BRITISH

IS VERY INEXPENSIVE. ONE TON WILL COVER 1.800 SUP. FEET ONE INCH THICK.

SILICATE COTTON

(SLAG WOOL)

A PURE MINERAL FIBRE made from CLEVELAND SLAG.

· BEST · NON-CONDUCTOR · EXTANT ·

FOR COVERING Steam Boilers, Pipes, and Cylinders; Superheated Steam Pipes, and Exhaust Combustion Pipes of Gas Engines; Cold Water Pipes, Tanks, and Cisterns.

FOR LINING Refrigerators, Ice-houses, Brewery Cellars, Wine Rooms, Bulkheads, and Decks.

FOR PUGGING FLOORS AND LINING WALLS IN BUILDINGS.

For Preventing the Radiation of Heat; Freezing; Deadening Sound; and Arresting the Spread of Fire.

MANUFACTURED BY

D. ANDERSON & SON, Limited.

LAGAN WORKS, BELFAST & AT 812, OLD FORD ROAD, BOW, LONDON, E.

M'CAW STEVENSON & ORR LTD BELFAST

THREE METHODS OF APPLYING

ANDERSON'S

SILICATE COTTON, OR SLAG WOOL,

For SOUND, and FIRE-PROOFING BUILDINGS.

(AS SHOWN IN SKETCH).

APPLICATION TO ROOFS.

Between rafters fix match boards in same way as sound-boarding shown in floor below, leaving a similar space of 1 or 1½ inches, which fill with Silicate Cotton.

It will be necessary to fix horizontal strips of wood about every two feet, to prevent the Cotton sliding down, which it otherwise naturally would do on a sloping plane.

Felt may then be placed over the rafters and spaces filled with the Cotton. This will prevent any damp getting in.

Outside the felt, fillets of wood are run along rafters to raise the tile-fillets sufficiently to dispense with their being increased in depth; the tile-fillets are then nailed to rafters through the felt, and tiles fixed as usual.

The section of roof, a portion having tiles stripped, fully illustrates this.

This method applies to slate roofs as well.

Cost same as Pugging *(see below)*.

APPLICATION AS PUGGING.

For this purpose, the loose Silicate Cotton being completely Vermin-proof, has many advantages over ordinary Pugging materials, which are usually applied damp, a space being left for evaporation. This can be dispensed with by using Silicate Cotton, which is applied dry.

The sound-boards can be brought within 1½ inches (or whatever thickness it is proposed to pug) of the flooring, thus increasing the air-space between ceiling and sound boards, and consequently adding to the required result of non-conducting.

To prevent sound travelling through the joists a strip of felt should be placed along them, and the boards nailed upon this. The cost is very small, and the result satisfactory.

The cost of Silicate Cotton for this purpose is about 1½d. per square foot, 1½ inches thick.

Section of second floor illustrates this method.

Silicate Cotton being so light, can be **applied as Pugging upon the ceiling laths, thus dispensing with sound-boards;** but this method is not so effectual as that described above.

APPLICATION IN WIRE NETTING,

(*i.e.*, Silicate Cotton made up in slabs between Galvanized Wire Netting),

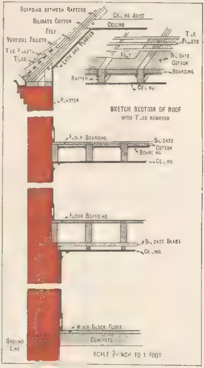
Making a perfectly FIRE and SOUND-PROOF Floor.

The Silicate Cotton is formed into slabs by placing it sandwich fashion between ordinary wire netting, in suitable widths and lengths.

The slabs are then attached to the under side of joists, and fillets of wood nailed through them to the joists. The laths are nailed as usual across, and the space allowed by the fillets leaves ample keying-room for plaster.

The slabs being so light, no increase in sizes of scantlings is required.

Section of first floor illustrates this method.



SKETCH SHOWING METHOD OF APPLYING SILICATE COTTON TO BUILDINGS.

FELTS

MANUFACTURED BY

D. ANDERSON & SON, LIMITED.

FELT, either Roofing, Sarking, or Inodorous, should be placed under all Slates, Tiles, and Zinc upon Roofs.

Being a non-conductor, it prevents radiation of heat in Summer, and the escape of it in Winter. It makes a better bed for Slates or Tiles; and being perfectly Waterproof, in case of Slates shaking or cracking, stops damp from making its way into the house. Its extreme Cheapness makes the extra cost of no account when the great benefit and comfort derived from its use are considered.

ROOFING FELT.

Makes a light, durable, cheap, and permanent Roofing of itself; and being a non-conductor of heat, when placed under Slate or Metal Roofs, it resists alike the extremes of heat and cold. When used along with the Asphalte laid on Brick Arches, Platforms, or Floors, it prevents cracks or fissures and leakage.

In rolls of 25 yards, 32 ins. wide, price 8d. per running yard, or 1d. per square foot.

SLATER'S OR SARKING FELT.

A Felt of the same character as Roofing Felt, but thinner in substance and more pliable, and for this reason easier worked under Slates.

Price 6d. per running yard, or ¾d. per square foot.

FELT VARNISH.

8d. per gallon. In boxes of 2, 3, 4, 5, and 6 gallons, or barrels of 25 gallons.

FOUNDATION FELT, OR DAMP COURSE,

Made in strips of 2 ft. 8 ins. long, in widths to suit the various thicknesses of walls, is the most effectual preventive against damp rising from foundations; and being of fibrous nature, is not liable to crack through the unequal subsidence of walls or other causes.

Price 1½d. per square foot. The following sizes are usually kept in stock:—

4½ × 32	14 × 32	23 × 32	30 × 32
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For lining Damp Walls, preserving Wall Papers, and deadening sound. Highly recommended for Metal Buildings.

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For clothing Boilers and Steam Pipes to preserve the heat; covering Water Pipes and Cisterns to exclude the frost; and lining under Roofs, &c., to equalise the temperature.

In sheets: size, 34 × 20 ins.

No.		Weight about	Per Sheet.
0.	For Roofs, &c.	¾ lb.	6d
1.	,, ,, ...	1 ,,	7d.
2.	,, ,, ...	1½ ,,	9d.
3.	,, Water Cisterns, Pipes, &c.	2 ,,	11d.
4.	,, Steam Boilers and Pipes	2½ ,,	1/1
5.	,, Large Boilers, &c.	3 ,,	1/8

Also in long lengths.

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(Being Silicate Cotton sandwiched between Galvanized Wire Netting), for use where the loose material cannot be conveniently applied.

1 in. thick, 6d.; 1½ ins., 8d.; 2 ins., 10d.; 2½ ins., 1/-; 3 ins., 1/2 per square foot.

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Being Silicate Cotton woven on Cloth Backing, *(see annexed illustration)* is the **handiest** and, being a perfect insulator, is in reality the **cheapest**, non-conductor obtainable.

Pipe covering—

	Per sq. foot.
Yarn Warp, 4 ins. wide, 1 in. thick ...	8d.
Wire ,, ,, ,, ...	8½d.

Boiler Covering—

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Wire ,, ,, ,, ..	9d.

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106, COLMORE ROW, BIRMINGHAM,
27th February, 1889.

DEAR SIRS,

We have great pleasure in stating that we have used your Patent Adamant Plaster in several works which have been erected under our supervision, viz.: The New Church of St. John, Sparkhill, The Borough Lunatic Asylum, Mr. Brett's New Residence, Putney, and several others.

The introduction of this material has been a great boon not only to the architect and builder, but also to all concerned in building operations. It facilitates the work by drying and setting quickly, and the workmen by its use are enabled to follow up each coat immediately. This has saved a delay of at least a month in each of the contracts which have lately been carried out under our supervision.

In addition to these, it has the further advantage of setting much harder than the ordinary plaster, and of being fit for painting and papering almost immediately after it is finished. We are specifying it for New Board Schools and for some other large works upon which we are engaged.

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MARTIN & CHAMBERLAIN.

From Messrs. BATEMAN & BATEMAN, *Architects.*

13, WATERLOO STREET, BIRMINGHAM,
11th February, 1889.

DEAR SIRS,

From the experiments made with the material at your Works, and after using it in extensive alterations, both on new and old brickwork, and in making good to ordinary plastering on walls and ceilings, we consider it fulfils all that you claim in its favour, and the small cost at which it may be adopted is fully met by the favourable results obtained.

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Yours faithfully,
BATEMAN & BATEMAN.

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Chairman—SIR WILLIAM GRAY. *Hon. Sec.* T. HARRY TILLY.

TOWER STREET, WEST HARTLEPOOL,
27th August, 1894.

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GENTLEMEN, We, the undersigned Directors of the Hartlepools Turkish Baths Company, Limited, have pleasure in giving you our opinion of the work carried out with your Patent Adamant Ceilings on Steel Lathing at these Baths three years ago. [illegible] ceilings have now been [illegible] for over two years, and the temperature has varied [illegible] degrees. [illegible] overhead [illegible] during the night, a hot room below was completely flooded by the water which soaked through your fireproof ceiling. The sudden decrease of temperature [illegible] by means of [illegible] coat (the first and second coating being held together by the steel meshes). This we consider a remarkably severe test, and clearly proves the excellency of your material over ordinary ceilings generally put up in hot rooms. Regarding the [illegible] some time ago [illegible] Mr. Thomas Coox, one of the [illegible] experienced plasterers in England, to go over and test carefully, [illegible] after a careful examination, he expressed his opinion that it was the finest piece of workmanship that he had ever inspected.

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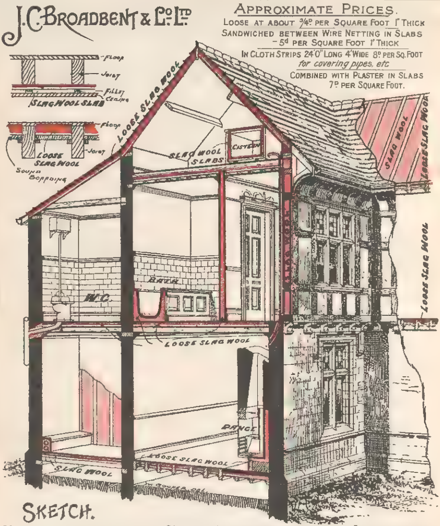

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Encaustic, Geometrical and Mosaic Tile Pavements Bedded on Asphalte, or laid in the ordinary manner.

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FORM OF BLOCK

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COMPRESSED ASPHALTE. For Carriageways, Footpaths, &c As laid in many of the Principal Streets of London, and in the Provinces.

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ALL DESCRIPTIONS USEFUL IN BUILDING CONSTRUCTION.

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Asbestos Cloth, Fibre-filled Jackets, & Asbestos Cement for Boiler Covering or for all purposes of non-conducting Heat or Sound.

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ROTHERHITHE NEW RD., LONDON, S.E.,

WHOLESALE MANUFACTURERS OF

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ROOFING FELT.
INODOROUS FELT.
SARKING FELT.
HAIR FELT IN SHEETS.
HAIR FELT IN LONG LENGTHS
FELTS FOR UNDER CARPETS.
DAMP COURSE OR FOUNDATION FELTS.
PLASTERERS' HAIR
IN ALL QUALITIES

Architects Surveyors, Builders, Contractors and others are invited before buying elsewhere to write for Prices to—

MESSRS. NEWTON & CO., Rotherhithe New Road, London, S.E.

CONTRACTORS TO

H.M Government The Admiralty, and the Principal Steamship and Railway Companies of the Kingdom

Established 1848.

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THE NORTH OF ENGLAND ASPHALTE CO.,

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IS CLEAN, DURABLE, HYGIENIC.

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THE OAKELEY SLATE QUARRIES Co., LIM.

Shipping Port—PORTMADOC, NORTH WALES.

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SOLE AGENTS · "EUREKA" UNFADING GREEN.

TILES (Broseley, Yorkshire, etc.), Roofing, Pantiles, Ridges etc. FINIALS (large stocks). QUARRIES (laid complete)
SLATING AND TILING executed. Roofs stripped and re-covered.

Slate Slabwork Manufacturers.

Enamelled or Plain. Baths, Urinals, Lavatory Tops, Shelves (for Conservatories, Larders, etc.), Flooring, Tanks, Cisterns Chimney Pieces, Facias, etc. Quotations Free, apply to

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Manufacturers of

BLUE LIAS LIME,

LUMP AND GROUND.

The most uniformly Hydraulic and carefully manufactured Lias Lime in the Market.

QUICK DISPATCH BY RAIL IN ANY QUANTITIES. ANALYSIS AND TESTIMONIALS UPON APPLICATION

N.B.—H. PARRY & Co. are prepared to send Test Wagons, Free of Charge, to any one responsible for important works, and will bear all cost of such Tests should satisfaction not be given.

F. McNEILL & Co.

SLAG WOOL AND FELT MANUFACTURERS,

Government Contractors for over 50 Years.

ACTUAL MANUFACTURERS, BY A NEW PROCESS, OF

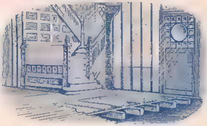
BRITISH MADE

SILICATE COTTON OR SLAG WOOL.

For Fireproofing and Sound Deadening.

Also for preventing the radiation of Heat or Cold either in Floors, Ceilings, Walls, or Roofs

One Ton loose will cover 2,000 Square Feet one inch thick



Prices greatly reduced.

Various Qualities.

Preventative of Dry Rot in Floors.

Illustration showing method of applying F. McNeill & Co.'s Silicate Cotton, &c., for Fire Proofing and Frost-Proofing Buildings.

Sound Proof. Vermin Proof. Frost Proof. Fire Proof.

Made up in a Variety of Forms for use in Building Construction.

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PROTECTION AGAINST RATS, MICE, INSECTS, AND DISEASE GERMS.

We respectfully request Architects to specify, and Builders to use, our Silicate Cotton or Slag Wool to ensure a genuine Article.

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3 WAPPING
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Slag Wool and Felt Works:
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NEAR GLASGOW.

17, Trundle Street, HULL; MELBOURNE and SYDNEY.

Telegraphic Address—"EYEBALL, LONDON."

[SEE ALSO FOLLOWING PAGE.

F. McNEILL & CO.,

Felt and Slag Wool Manufacturers,

IMPORTANT GOVERNMENT TESTIMONIAL.

Extract from the Speech of MAJOR-GENERAL SIR FREDERICK SMITH, R.E.

Delivered to the House of Commons, June 9th, 1857.

Speaking of the **Asphalted Felt Roofs of the Huts at the Aldershot Camp** which were wholly done by **Messrs. F. McNEILL & CO.**, Major-General Smith said :—

"The Felt Roofing is extremely good and water-tight, will last for years, in my opinion, as long as the Huts stand, by proper attention being paid to them."

Such unequivocal testimony, after years' experience on 1,700 distinct buildings, of which the Aldershot Camp is composed, containing **2,000,000 feet of Asphalted Felt Roofing**, speaks most decidedly for the **superiority of Messrs. F. McNEILL & CO.'S Asphalted Felt Roofing.**

Most of the Felt put up in 1845—that is over 50 years is still on the Huts, and is in **good preservation** and perfectly water-tight.

BY HER MAJESTY'S SPECIAL COMMAND.

The Pavilion at Aldershot, capable of accommodating the whole of the Court, was covered with **F. McNEILL & CO.'s Asphalted Felt** as its sole roofing.

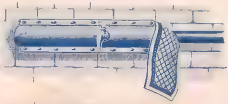
F. McNEILL & CO. are Contractors to the Government for the **Asphalted Felt Roofs** at the **Four Camps of Aldershot, Curragh of Kildare, Colchester, and Shorncliffe**, affording **Quarters** for **40,000 Soldiers and Officers**, and consuming over **3,000,000 square feet** of their **Roofing Felt.**

FELTS.

Patent Asphalted Roofing.
Slaters' or Sarking. } For under Slates, Tiles, and Metal.
Inodorous or Bituminous. }
Dry Hair, for Sound Deadening.

Fibrous Asphalte or Foundation Felt for Damp Course.
Patent Combination Metal and Asphalte Damp Course.

NEW PATENT PIPE COVERINGS.



F. McNEILL & CO's New Patent Pipe Covering combines the advantages of the best non-conductor known (Hair-Felt) with an easy method of application, made in lengths of 25 feet, of various widths for either binding round pipes, or for pipes against walls as illustrated.

See also previous page.

Medals Awarded Vienna, 1873; Brussels, 1876; Philadelphia, 1876; Paris, 1878; Vienna, 1880, Berlin, 1883; Amsterdam, 1883, London, 1884; Paris, 1889.

VAL DE TRAVERS COMPRESSED ROCK ASPHALTE

FOR ROADWAY & FOOTWAY PAVING

Has been laid by this Company in hundreds of the most important Streets in London and the Provinces, and is strongly recommended for its Cheapness, Durability, and for Sanitary reasons.

VAL DE TRAVERS

MASTIC ASPHALTE

IS SPECIALLY ADAPTED FOR ROOFS, FLOORS, CORRIDORS, BASEMENTS, STABLES, WAREHOUSES, BREWERIES, RESERVOIRS, SLAUGHTER HOUSES, MARKETS, LAVATORIES, LAUNDRIES, &c.

VAL DE TRAVERS Asphalte Paving Company, Ltd.,

14 TO 16, PALMERSTON BUILDINGS, OLD BROAD STREET, LONDON, E.C.

J. CAMERON SWAN & PARTNERS,

PORTLAND CEMENT

MANUFACTURERS,

JARROW-ON-TYNE.

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Telephone Nos. NATIONAL—Jarrow, 2,777, Newcastle, 1,208 G.P.O.—Newcastle, 198

The Portland Cement Manufactured by us is of Medium Setting Quality, most suitable for general use. It is ground very fine, and is of high tensile strength, particularly at long dates. These Qualities combined ensure work done with it being perfectly sound and of the greatest strength.

Special Quick or Slow Setting Cement made to Order.

Cement for Export or Coastwise shipped direct from our Deep water Wharf. Inland Orders by Rail.

ALL TESTS GUARANTEED TO ENGINEERS' AND ARCHITECTS' SPECIFICATIONS.

WILLIAM WHITE'S "HYGEIAN ROCK" BUILDING COMPOSITION.

Head Office and Works:—ABERGAVENNY.

International Health Exhibition: GOLD MEDAL awarded.

Liverpool International Exhibition: SILVER MEDAL awarded.

IN USE BY H M WAR OFFICE, H M OFFICE OF WORKS, H.M COMMISSIONERS OF PRISONS

GOLD.

SILVER

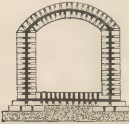
The Superiority of the "HYGEIAN-ROCK"

BUILDING COMPOSITION

Over all other material for rendering Walls Damp Proof, and increasing their Strength, is now universally acknowledged by the leading Architects, Engineers, & Contractors.

FOR—VERTICAL AND HORIZONTAL DAMP-PROOF COURSES, CELLARS AND BASEMENTS, WATER TANKS, RESERVOIRS, GAS-HOLDER TANKS, SWIMMING BATHS, ACID VATS, RECEPTACLES FOR LIQUID CHEMICALS OF ALL KINDS, PICKLING VATS, &C.

The following facts are fully established concerning "White's Hygeian Rock":—



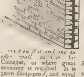
Walls are rendered absolutely damp-proof and made impervious to wet. The material is to a great degree non-conducting and vermin proof.

The material sets almost instantaneously, so that walls may be built with great rapidity, and with perfect security.

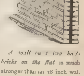
It requires no skill to apply the material, being used in a manner so simple, as to be within the comprehension of any ordinary intelligent labourer.

The walls may be papered or decorated within a month after the plastering is finished.

It is invaluable for building of water tanks or cellar walls.



A brick on flat and one on edge wall suitable for Cottages, or where great economy is required. It is quite damp-proof, and equal in strength to a 14 inch wall built with mortar only.



A wall built two half bricks on the flat is much stronger than an 18 inch wall built in the ordinary way.

The material will keep good any length of time and is at all times fit for use.

By its use great economy can be effected inasmuch as the Patentee will guarantee a 9 in. wall built on his system to be stronger than an 18 in. wall built in the ordinary way, with mortar, in addition to possessing the immense advantage of being absolutely water proof.

The Hygeian Rock Composition is now put on rails in any quantities at £5 per ton.

One cwt. will fill in about 2½ yards superficial, half-inch thick. Extra should be allowed for joints in brickwork and irregularities in cavity.

TRADE MARK. Regd 1880.

ESTABLISHED 1870.

EIGHT GOLD MEDALS. EIGHT SILVER MEDALS.

WILLESDEN PAPERS

For Underlining Slates and Tiles.

WATERPROOF AND ROT-PROOF.

ADVANTAGES OF WILLESDEN UNDERSLATING.

A Good Non-Conductor.
Absolutely Waterproof.
No Smell.
Lies very Close on Roof.
Can be used without Boarding.
Does not Perish.
Will not Harbour Vermin.

SOME IMPORTANT WORKS ON WHICH WILLESDEN PAPER HAS BEEN USED.

[illegible]

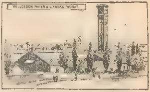
ARCHITECTS SHOULD SPECIFY WILLESDEN 2-PLY PAPER, B. 1. 80.

Diagram showing Fixing.

Sole Makers of

WILLESDEN 4-PLY ROOFING for Small Sheds and Partitions.
WILLESDEN PAPER, for Insulation, Damp Walls and Linings of all kinds.
WILLESDEN CANVAS, for Awnings, Blinds, Covers, Tents.

Permission to view this Verandah may be obtained.



Willesden Paper and Canvas Works.

SOLE PATENTEES and MANUFACTURERS of the GREEN ROT-PROOF PROCESS.

WILLESDEN PAPER & CANVAS WORKS,

WILLESDEN JUNCTION, LONDON, N.W.

LIVERPOOL—61, South John Street. GLASGOW—153, Queen Street. *Telegraph*—"Impermeable, London."

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Engineering, and Iron, Steel,

AND

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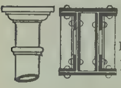
H. YOUNG & CO.,

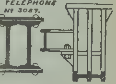


STEEL & WROUGHT IRON CONSTRUCTIONAL WORK.

TELEPHONE No 3087.

Rolled Joists, Angles, Plates, Tees, &c., kept in stock.

RIVETTED GIRDERS & CAST IRON OF ALL DESCRIPTIONS MADE IN LONDON.



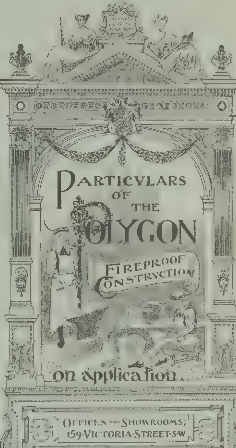
ECCLESTON IRON WORKS, PIMLICO, AND HAYLE FOUNDRY WHARF, NINE ELMS.

[See also page 224.

THE

BRITISH FIREPROOF CONSTRUCTION Co.,

159, VICTORIA STREET, WESTMINSTER, S.W.



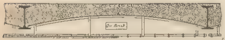
Telegrams: "FENESTRULE, LONDON."

Telephone No. 3336.

BANKS'

Fireproof Construction Syndicate, Ltd.

Ventilated Floor A.



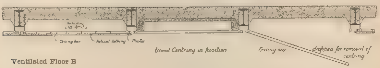
This Patent System of **Fireproof Flooring** is the only one by which the **Steel Joists are perfectly protected.**

The Floor and Ceiling being **separated**, an air-chamber for ventilation is formed, which **is co-extensive with the area of the floor**

The Ceiling is in itself Fireproof, and **cannot be detached from the Metal Lathing when subjected to water.**

The severance of ceiling from floor **prevents the conduction** of both **Heat and Sound**, desiderata **unattainable** by any other system.

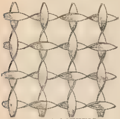
The spacing of the Steel Joists is **entirely optional**, and can vary from 2 ft to 10 ft. The Floor is consequently not only the most Fireproof and most Sound proof, but the Lightest and **Least Expensive** of all Fire-resisting Floors.



Ventilated Floor B

BANKS' PATENT HELICAL METAL LATHING.

MADE OF FLAT STEEL WIRE OR RIBBON TWISTED & WOVEN INTO MESHES OF CONVENIENT SIZE



HELICAL LATHING.

The Lathing combines the following advantages:—

The amount of metal used is the minimum consistent with the requisite strength

Its key is perfect and uniform under all circumstances of fixing, whether vertical as in walls, horizontal as in ceilings, or curved as in coves and cornices. It can and should be completely imbedded in the plaster.

It can be made of any requisite length or width, and the strength of the metal can be adapted to the work.

It is the most easily fixed of all metal lathings, and each sheet can be united to its neighbour without wire.

It is not formed of iron sheets, which are liable to expansion and rust, more especially so when the greater part of one surface is exposed.

It does not cut the hands

Orders for over 50,000 yards were received within **twelve** months of its introduction.

10,000 yards always in stock. Stock size, 10 ft. 6 in. by 2 ft. 6 in.

The following are some of the buildings in which the Syndicate's Floors and Partitions have been constructed or for which they are specified.—

Brook Hospital, Shooter's Hill, Kent. } Metropolitan Asylums Board
South-Eastern Hospital, London, S.E. }
Park Hospital, Lewisham }
London Hospital, Whitechapel, E.
Infectious Diseases Hospital, Portsmouth.
Cottage Hospital, Ealing
Portsea Union Infirmary, Portsea
Portraine Asylum, Ireland (Helical Lathing.)
New Operating Theatre, Western Infirmary, Glasgow
New Chapel for Infirmary, Bath.
Clifton Hydropathic, Clifton, Bristol.
Merchants' Exchange, Cardiff.
Bute Dock Offices, Cardiff.

Harrod's Stores, Limited, Brompton Road, London.
School of Science and Art, Folkestone.
Technical Institute, Southampton.
Hotel Metropole, Folkestone.
Three Nuns Hotel, High Street, Aldgate, E.
Residential Chambers, Basil Street, Chelsea (for Harrod's Stores, Limited)
Mansions, Drayton Gardens, S.W.
Army and Navy Mansions, Victoria Street, S.W.
Residential Chambers North End Road, West Kensington.
Sackville Mansions, Great Russell Street, W.C.
Printing Works, Bush Lane, E.C.
Stationery Warehouse, Suffolk Lane, E.C., &c., &c.

PATENT FIREPROOF PARTITION WALLS (either hollow or solid), which are extremely light and yet most rigid.

ESTIMATES AND DETAIL DRAWINGS SUPPLIED FREE ON RECEIPT OF PARTICULARS.

71a, QUEEN VICTORIA STREET, LONDON, E.C.

WM. BAILY & SONS,

71, Gracechurch Street, London, E.C.,

ENGINEERS.

HOT WATER SUPPLY. SANITARY ENGINEERING.

BOILERS, HEATERS, TANKS, BATHS, LAVATORIES.

LAUNDRIES.

DRYING CLOSETS, WASHING MACHINES, WRINGERS, BOILING PANS, WASHING TROUGHS, IRONING STOVES.

COOKING APPARATUS

For Asylums, Workhouses, Hospitals, Schools, Hotels, Clubs, and Private Houses.

RANGES
KITCHENERS
CHOP GRILLS
STEAM BOILING PANS
SERVING TABLES
BAINMARIS PANS
AND
VEGETABLESTEAMERS

LIFTS.

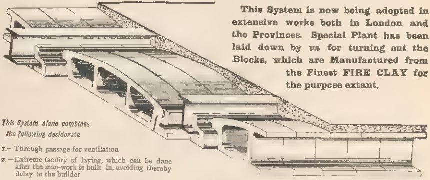
See Sections G and J

GAS ROASTING OVENS,
HOT PLATES,
HOT CLOSETS,
TOASTING FIRES,
SCULLERY SINKS,
STILL ROOM,
LARDER, AND
PANTRY FITTINGS

ART METAL WORKERS.

"MULCIBER" FIREPROOFING SYSTEM.

This System is now being adopted in extensive works both in London and the Provinces. Special Plant has been laid down by us for turning out the Blocks, which are Manufactured from the Finest FIRE CLAY for the purpose extant.



N B —The under side is keyed all over for Plaster Ceiling

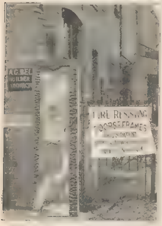
This System alone combines the following desiderata

1.—Through passage for ventilation.
2.—Extreme facility of laying, which can be done after the iron-work is built in, avoiding thereby delay to the builder
3.—Absence of any centring, no placing to skew, or cutting to make good to girders, &c.
4.—Complete protection of under side of iron-work.
5.—Great strength in proportion to weight and accommodation to any load
6.—The floors are almost entirely sound-proof.
7.—Great facility for laying electric conductors, and absolute safety against conflagration arising from their leakage

FOR PARTICULARS APPLY TO—

J. H. BLAKESLEY, Assoc. Mem., Inst. C.E.,
39, VICTORIA STREET, S.W.

FIRE & SOUND PROOF DOORS



(BELL'S PATENT)

Awarded Certificate of Merit by the Sanitary Institute at the Liverpool Exhibition.

THESE PATENT DOORS AND PARTITIONS ARE FRAMED WOOD WITH AN INNER LINING OF ASBESTOS.

Their special advantages are -

They are Non-conductors of Heat. Easy in Action. Will close Automatically.

MADE + TO + ANY + DESIGN

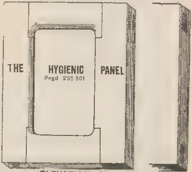
Price for	Plain Doors, ...	**2/9**	per ft. super.
do.	Fixed Partitions	**2/0**	do.
do.	Shutters ...	**2/4**	do.

THE HYGIENIC PANEL,

Registered No. 235,301

For Hospital Work,

PRICE 1,9 per ft. super.



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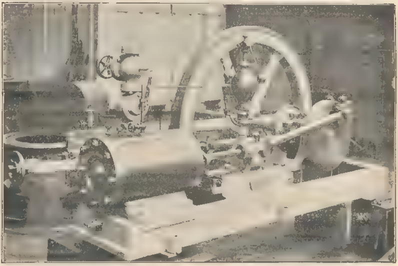

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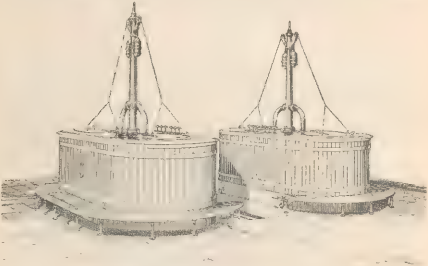

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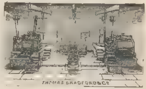

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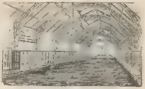
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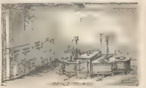
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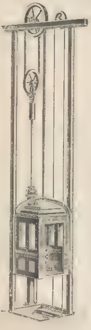

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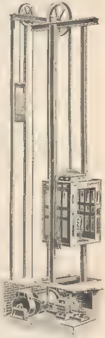

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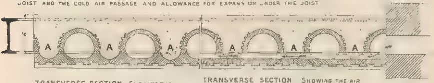

TRANSVERSE SECTION SHOWING THE CONCRETE BEARING ON THE BOTTOM FLANGE OF THE JOIST AT A NOTE THE CONCRETE DOES NOT GO UNDER THE JOIST AT A SEE LONGITUDINAL SECTION

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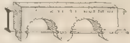

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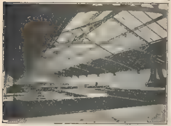

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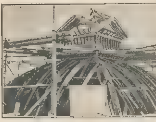

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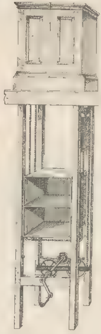

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	in.	in.	in.
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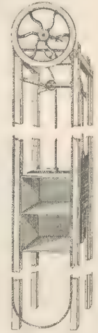

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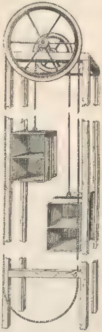
Price of Ironwork only, with balance [illegible] 15 [illegible] 22 [illegible] £7 10 0 [illegible], for a total height of [illegible] To raise ½ cwt. .. .. £12 10 0 [illegible] 14 10 [illegible]

If above [illegible] per foot extra.



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Do. do. 1 cwt. .. 8 2 6
Price [illegible]
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Do. 1 cwt. 15 2 6

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Ironwork only, to raise 28 lbs. £8 11 0
Do. do. 56 lbs. 9 10 0
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2 cwt.,	for cage	2 6 ×	2 3 ×	3 6	..	11 0 0
4 "	"	3 0 ×	2 9 ×	4 6	..	14 15 0
7 "	"	3 6 ×	3 0 ×	5 0	..	17 10 0
10 "	"	4 0 ×	3 6 ×	6 0	..	19 7 6
15 "	"	4 6 ×	4 0 ×	6 0	..	22 15 0
20 "	"	5 0 ×	4 6 ×	6 0	..	25 17 6

Price, complete with Cage, Guides, Bearers, Ropes, etc, size of cages as above

To raise	Height over all from bottom floor to top of Rope Wheel.	£ s. d.	Extra per ft. in height
2 cwt.	20 feet	20 0 0	3/9
4 "	"	25 5 0	4/-
7 "	"	30 4 6	4/3
10 "	22 feet	34 0 0	4/3
15 "	"	39 5 0	4/6
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Price of Ironwork only, with Balance Weight.

To raise		wide. ft. in.	deep. ft. in.	high. ft. in.		£ s. d.
2 cwt.,	for cage	2 6 ×	2 3 ×	3 6	..	11 10 0
4 "	"	3 0 ×	2 9 ×	4 6	..	15 10 0
7 "	"	3 6 ×	3 0 ×	5 6	..	19 12 6
10 "	"	4 0 ×	3 6 ×	6 0	..	24 0 0
15 "	"	4 6 ×	4 0 ×	6 0	..	27 10 0
20 "	"	5 0 ×	4 6 ×	6 0	..	34 8 0

Price, complete with Cage, Guides, Bearers, Ropes, etc., size of cages as above

To raise	Height over all from bottom floor to top of Rope Wheel.	£ s. d.	Extra per ft. in height.
2 cwt.	20 feet	21 10 0	3/9
4 "	"	26 0 0	4/-
7 "	"	32 7 0	4/3
10 "	22 feet	38 2 6	4/3
15 "	"	44 0 0	4/6
20 "	"	54 5 6	5/6

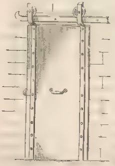
DISCOUNTS AND QUOTATIONS FOR SPECIAL SIZES ON RECEIPT OF REQUIREMENTS.

FOR CASEMENTS AND SASHES SEE SECTION J. COMPLETE CATALOGUE SENT ON APPLICATION.

GARDINER, SONS, & Co., Ltd.,

NELSON STREET & ALL SAINTS' IRON WORKS, BRISTOL. Telegraphic Address "Gardsons, Bristol"

Wrought Iron Insurance and Warehouse Doors.

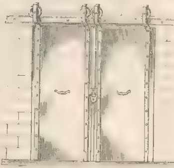


F 189.

SLIDING DOOR

of ¼-in plate with top bar, bottom guide and hasps for padlock

ft. in.		ft. in.		
6 0		2 0	..	£2 13 0
6 6		2 6		3 4 0
6 6	×	3 0	..	3 14 0

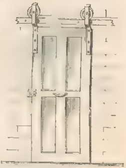


F 190

SLIDING DOOR

in 2 leaves of ¼-in. plate with top bar, bottom guide and hasps for padlock

ft. in.		ft. in.				
6 0	×	4 0	..	..	..	£4 16 0
6 6	×	5 0	..	..	..	5 19 0
7 0	×	6 0	..	..	..	7 3 0



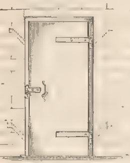
F 187

SLIDING DOOR

Panelled one side, with top bar and bottom guide, handle and hasp for padlock.

ft. in.		ft. in.	⅛-in. Panels, ⅛-in. Stiles.	¼-in. Panels, ¼-in. Stiles.
6 0	×	2 0	£2 15 6	£3 3 0
6 6	×	2 6	3 3 0	3 13 0
7 0	×	3 0	3 1[illegible] 6	4 6 0

Box Handle for Sliding Doors to open Doors from either side, 3/ each extra



F 188

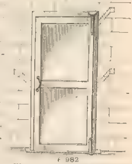
Wrot Iron Door of ¼-in Plate, Angle Iron Frame, with Hasp or Bolt.

2-ft. × 6-ft. high £2 13s. 0d.
2-ft. 6-in × 6-ft. 6-in. high, £3 0s. 0d.

F 981.

Wrot Iron Door in 2 Leaves of ¼-in Plate, Angle Iron Frame with Bolts and Hasp for Padlock.

4-ft. 0-in × 6-ft 0-in. high .. £5 6s. 0d.
5-ft 0-in × 6-ft. 6-in. ,, .. £6 11s. 0d.



F 982

Wrot Iron Door with Angle Iron Frame, ¼ in. Panels, ¼ in Stiles with Lock and Handle.

2-ft. 0-in. × 6-ft 0-in. high, £4 9s. 0d.
2-ft. 6-in. × 6-ft 6-in. high, £5 7s. 0d

DISCOUNTS AND QUOTATIONS FOR SPECIAL SIZES ON RECEIPT OF REQUIREMENTS.

FOR CASEMENTS AND SASHES SEE SECTION J. COMPLETE CATALOGUE SENT ON APPLICATION

GARDINER, SONS, & Co., Ltd.,

NELSON STREET & ALL SAINTS' IRON WORKS, BRISTOL. *Telegraphic Address* "Gardsons, Bristol."

Wrought Iron Insurance and Warehouse Doors.

F 192.

DOOR AND FRAME.

Rebated Frame.

Doors. ft. in. ft. in.	Panels ⅝-in. thick, Stiles ⅞-in. thick.	Panels ⅝-in. Stiles ¾-in.
6 0 × 2 0	£4 5 0	£4 14 0
6 6 × 2 6	4 16 0	5 8 0
7 0 × 3 0	5 7 0	6 3 0

F 193.

DOOR AND FRAME.

In 2 leaves. Rebated Frame.

Door. ft. in. ft. in.	Panels ⅝-in. thick, Stiles ⅞-in. thick.	¾-in. Panels. ⅞-in. Stiles.
6 0 × 4 0	£8 10 0	£9 6 0
6 6 × 5 0	9 5 0	10 6 0
7 0 × 6 0	10 5 0	11 11 0

F 194.

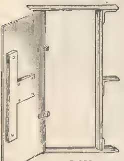
DOOR AND FRAME.

Solid Plate Mouldings on Surface and Rebated Frame.

Doors. ft. in. ft. in.	⅜-in. Plate.	½-in. Plate.
6 0 × 2 0	£6 0 0	£6 16 0
6 6 × 2 6	6 15 0	7 12 0
7 0 × 3 0	7 16 0	8 18 0

Prices of Nos. F 192, 193, and 194, Hinged Doors, include Two Bolts or Strong Ordinary Dead Lock. Extra for best Two-lever Dead Lock, **7/-**; Four-lever ditto, 10/-. F 192, F 193 are Panelled on front only.

Strong Room Doors, Ventilating Gates.

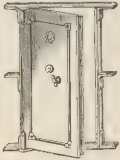


F. 196.

STRONG ROOM DOOR.

With iron handle throwing two bolts, secured by two keyed powder-proof safe lock, protected by drill-proof plate, Front moulded as F 194 door.

ft. in. ft. in.	Thickness of Plate. ⅜-in.	½-in.
6 0 × 2 0	£8 15 0	£9 12 0
6 0 × 2 6	9 8 0	10 10 0
6 0 × 3 0	10 0 0	11 10 0



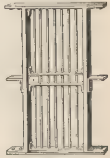
F 197.

STRONG ROOM DOOR.

Made with or without fire proof chambers. With brass handle throwing four bolts secured by two keyed powder-proof lock, protected by drill-proof plate, four fixed back bolts or dogs on hinge side.

ft. in. ft. in.	With lock casing full size of door, but without fire proof chamber. Thickness of outer plate. ½ in.	If with fire-proof chamber in addition to lock chamber.
6 0 × 2 0	£13 18 0	£16 18 0
6 0 × 2 6	14 8 0	17 13 0
6 0 × 3 0	15 0 0	18 10 0

If outer plate ⅝ in. thick, £1 extra.



F 199.

VENTILATING GATE FOR STRONG ROOM.

Fitted with best lever dead lock.

PRICES

ft. in. ft. in.	
6 0 × 2 0	£7 4 0
6 0 × 2 6	7 12 0
6 0 × 3 0	8 0 0

FOR CASEMENTS AND SASHES SEE SECTION J.

COMPLETE CATALOGUE SENT ON APPLICATION.

The Hygienic

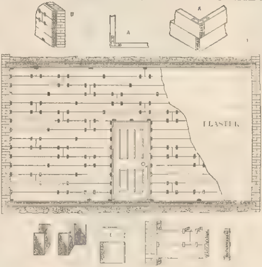
FIRE-PROOF BLOCK PARTITION.

As specified for and adopted at KENSINGTON PALACE; The THEATRE ROYAL, DRURY LANE, THE LYCEUM and other London Theatres; GUY'S HOSPITAL, BILLITER BUILDINGS, WHITEHALL PLACE, ST. BRIDES INSTITUTE, EIFFEL TOWER BLACKPOOL; and

THE LONDON SCHOOL BOARD.

$\frac{1}{5}$th of the Weight of 4½ in. Brick.

This absolutely Fire-proof Wall, only 3 ins. thick, can be obtained by a combination of the Hygienic Block and Hygienic Cement, and the Walls can be painted *at once*.



No Wood or Iron supports required in construction Can be fixed to any kind of Floor, Concrete, Wood or otherwise.

NO DELAY! NO CRACKED WALLS! SIMPLICITY IN CONSTRUCTION! SELF-SUPPORTING! VERY MODERATE COST! NO NOISE OR DIRT IN ERECTING! SOUND RESISTING.

A—Showing an external angle. B—Showing lining of a damp brick or stone wall. C—U fixing clamp. D—⅂ fixing clamp. E—Clamp used for fixing direct on to steel joist.

Dimensions of Block, 5 ft. 5 ins by 10 ins. by 2 ins., which can be cut with a saw to any length required.

2/6 per Square Yard. London Depôt: St. Pancras Station.

☞ N. B.—Fixed work may be inspected in almost any part of London on application, or at the Company's Offices.

THE FIRE-PROOF CONSTRUCTION CO.,

TELEGRAPHIC ADDRESS: DEFLAMMO, LONDON.

11, VICTORIA STREET, WESTMINSTER.

Also Sole Manufacturers of THE HYGIENIC FIREPROOF NON-EFFLORESCENT CEMENT; and of a DRY SETTING STUFF, a quick setting substitute for ordinary Lime Plastering, also Plaster of Paris, Keene's Cement &c. &c.

HOBBS, HART, & Co., Ltd.,

MANUFACTURERS OF

"Seamless" Body Steel Safes to meet all Risks.

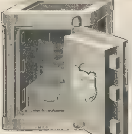
STRONG ROOM & PARTY WALL DOORS.

CONSTRUCTORS OF BULLION VAULT & MUNIMENT ROOMS.

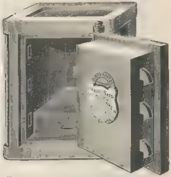
MANUFACTURERS OF THE

BANK OF ENGLAND TREASURY DOORS.

Steel Coffer Safe, for Branch Banks, Diamond Merchants, or other extra risks.



"SEAMLESS" BODY STEEL SAFE FOR ORDINARY PURPOSES.



40 PAGE ILLUSTRATED LIST
FREE ON APPLICATION.

Patentees & Manufacturers of the

KEYED REBATED PARTY WALL DOORS
(SLIDING OR HANGING).

"SEAMLESS" BODY CLUTCH BOLT SAFE FOR SPECIE OR SECURITIES.

The Steel Doors and Gates of this Company are of Superior Construction, and have acquired a high reputation. Where absolute security is needed, the "Keyed Rebated Party Wall Doors" which have been supplied with so much satisfaction to many leading Architects, will be found as near perfection as is practicable —it is a noteworthy fact to be remembered that in all recent fires mere conformity to the Building Acts for Party Wall Doors has proved to be disastrous.

PATENT CONE VENTILATORS. For Strong Rooms or Vaults.

General Offices and Works: **ARLINGTON STREET, ISLINGTON, LONDON, N.**

Showrooms—76, CHEAPSIDE, LONDON, E.C.

SEE ALSO PAGE IN SEC. H.

HAYWARD–TYLER & Co.,

0086

86c

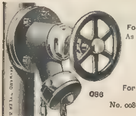
Hydraulic & Electrical Engineers,

90 & 92, WHITECROSS STREET,

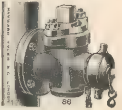
LONDON, E.C.

Contractors to H. M. War Department, India Office, Crown Agents for the Colonies, London County Council, &c., &c.

FIRE FITTINGS, HYDRANTS, AND APPLIANCES,



086

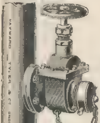


86

For Private Houses, Public Buildings, Towns, &c.
As fitted up by them in numerous Mansions, Factories Hospitals &c., &c.
Estimates given for Complete Outfits

FIRE COCKS,

For Fixing in Vertical Mains, with Cap, Screw, and Chain.



0860

No. 0086 Strong Gun Metal Screw-down Fire Cock

		2 in	2½ in
Ordinary V Thread ..	..	58/-	63
Brigade Round Thread	..	63	70

No. 086. Strong Gun Metal Screw down Cock.

Ordinary V Thread ..	..	58/-	63/-
Brigade Round Thread	..	63/-	70/-

No. 0860. Strong Gun Metal full way Cock

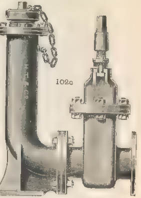
Ordinary V Thread ..	..	65/-	73/-
Brigade Round Thread	..	70/-	80/-

No. 86c. Strong Gun Metal Screw-down Cock

	1¼ in.	1½ in.	2 in.	2½ in
Ordinary V Thread ..	25/-	32/-	45/-	63/-
Brigade Round Thread			50/-	70/-

No. 86. Gun Metal Solid Bottom Fire Cock

Ordinary V Thread ..	27/-	35/-	60/	77
Brigade Round Thread			65/-	81



102c

HYDRANTS,

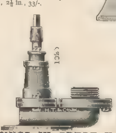
For Fixing in Ground Mains

No 102c Cast Iron Sluice Valve Hydrant
Price, 2 in., £2 16s., 2½ in., £3, with double outlets £3 12s. 6d.

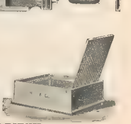
No. 102b Cast Iron Screw-down Hydrant
2 in., 30/-, 2½ in., 33/-.

0358

Cast Iron Street or Ground Boxes,
Of Various Patterns



102b



COPPER STAND POSTS,
HOSE COUPLINGS,
BRANCH PIPES, ETC.

0358. London Brigade Fire Pump, 65/-

ELECTRICAL FITTINGS IN GREAT VARIETY.

Telegrams, "Tylerox, London." Telephone, No. 192

HAYWARD-TYLER & Co.,

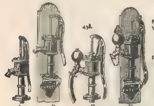
40 PRIZE MEDALS.

HYDRAULIC AND ELECTRICAL ENGINEERS,

Contractors to H. M. War Department, The Indian Government, The Principal Indian Railways, The Crown Agents for the Colonies, &c., &c.

90 & 92, WHITECROSS STREET, LONDON, E.C.

WATER SUPPLY of Mansions, Villages, Outlying Houses, Stables, Cottages, &c., &c.



A B C D

HAYWARD TYLER & Co. undertake the supply of all necessary Machinery and, if necessary, the fitting up of complete arrangements for Water Supply, driven according to requirements by

HAND, HORSE, STEAM, WATER, HOT AIR, or GAS POWER.

They are prepared to advise and estimate on receipt of particulars of position of water supply, and requirements of the case.

438

The following are useful PUMPS in frequent demand.

PUMPS FOR WELLS

Not exceeding 28 feet in Depth.

(No. 438.)

IMPROVED COTTAGE PUMPS.

	2½ in.	3 in.	3½ in.
A Lift Pumps	17/-	23/-	35/-
B Ditto on Plank.. ..	23/6	31/-	43/-
C Force Pump, for Stables, &c.	30/-	39/-	54/-
D Lift and Force Pump .	39/-	47/6	60/-

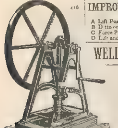
(No. 432.)

BRASS HOUSE PUMPS.

	2 in.	2½ in.	3 in.	3½ in.
Good Quality	63/-	75/-	85/-	110/-
Ex. Quality, on Oak Plank	84/-	105/-	126/-	147/-

Note.—Quantities raised per hour by 438 and 432.—2 in., 180; 2½ in., 250; 3 in., 410; 3½ in., 550 gallons.

416



WELL FRAMES, with Fly Wheel and Handle.

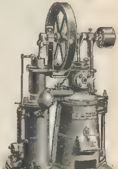
For Wells not exceeding 28 feet in depth.

No. 416.	Diameter of Barrels—	2½ in.	3 in.	3½ in.	4 ins.
Single Barrel	Gallons per hour	250	400	550	600
	Price ..	£14/10	£15/10	£16/10	£17/15.
Double Barrel	Galls. per hour	550	800	1100	1400
	Price ..	£20	£22	£24	£26

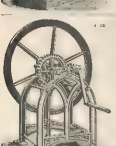
WELL FRAMES FOR DEEP WELLS.

	Single Crank	Double Crank
No. 420. With Single Crank	£8 10s.	£10 10s.
" 421 " "	£10.	£12
" 421a. (with Wheel & Pinion)	£12.	£14 10s.

Extra Handle, 15s.



412



Extra Strong Gun Metal Pump Barrels (See List C.)

SAMPLE ❖ ESTIMATES.

To raise 200 gallons an hour from well 100 feet deep to surface, by two men, No. 421 frame with 2½ inch pump barrel, well stage, pipes, &c., £2[illegible].

To raise [illegible] gallons an hour from well [illegible] feet deep by two men [illegible] frame geared [illegible] double barrel 2½ inch pump well stage pipes, &c. £59

HORSE GEARS FOR DEEP WELLS.

For Full Estimates see List C, p. 37.

HOT AIR ENGINES AND PUMPS FOR WELLS

TO 400 FEET DEEP.

ESTIMATES ON APPLICATION.

Water Wheels, Hydraulic Rams, &c.

See HAYWARD TYLER & Co.'s LIST C.

ELECTRICAL FITTINGS IN GREAT VARIETY.

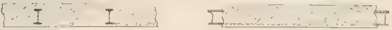
HOMAN & RODGERS' FIREPROOF FLOORS.

LONDON SCHOOL BOARD OFFICES, VICTORIA EMBANKMENT.

FIREPROOF FLOORS & CONSTRUCTIONAL IRON & STEEL WORK BY HOMAN & RODGERS.

WINDSOR CASTLE for H.M. the QUEEN, SANDRINGHAM HOUSE for H.R.H. the PRINCE OF WALES, And upwards of 2,200 Buildings throughout the Kingdom.

HOMANS PATENT HOLLOW BRICK SYSTEM



HOMANS CONCRETE AND STEEL SYSTEM

Girders and Constructional Iron and Steel Work, Wood Block Flooring, Pure Seyssel Rock Asphalte, Quartz Finish.

DRAWINGS AND ESTIMATES FREE ON RECEIPT OF PARTICULARS

10, Marsden Street, Manchester. 17, Gracechurch Street, London, E.C.

Works: WEST GORTON, MANCHESTER, & RATCLIFFE, LONDON, E.

Telegraphic Addresses—"NAMOH, MANCHESTER." "HOMAN RODGERS, LONDON."

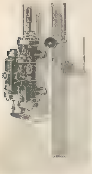
KEITH'S

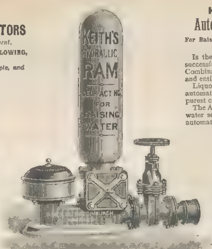
Patent Water Motors

With Automatic Valve Adjustment.

For POWER PURPOSES, ORGAN BLOWING, &c.

Work on an Entirely New Principle, and stand Unrivalled





KEITH'S PATENT

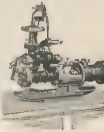
Automatic Liquid Elevator,

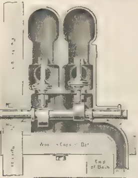
For Raising BEER STOUT, and other Liquids, by PNEUMATIC PRESSURE,

Is the very Latest Development in the successful application of the Automatic Combination of Water and Air Pressure, and entirely supersedes Beer Pumps.

Liquors, practically direct from the wood, automatically served in the very best and purest condition.

The Apparatus is worked by the ordinary water service, and, when fixed, is wholly automatic in its action.



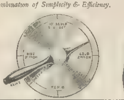


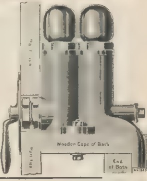
KEITH'S PATENT

Noiseless Bath Valves,

For the Supply of Hot and Cold Water to Public Slipper Baths, have no Loose Springs or Cranks to get out of order, and are absolutely free from shock in the working.

Combination of Simplicity & Efficiency.





SECURITY AGAINST

Kitchen Boiler Explosions.

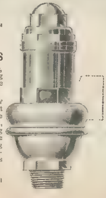
KEITH'S PATENT LIQUID-SEAL

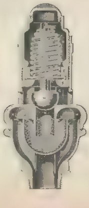
ANTI-INCRUST SAFETY VALVES

Properly applied to Kitchen Range, and other Water Boilers working with Hard Water, ensure Absolute Prevention against Explosions

These "Anti-Incrust Safety Valves" have been designed to meet the demand for thoroughly reliable Safety or Relief Valves for Kitchen, or other Hot-Water Boilers working with hard water. They possess the rare quality of entirely preventing incrustation of Valves, with its attendant evils, and the working parts cannot possibly jam.

Illustrations are Half the Actual Size.





ESTABLISHED 1823.

JAMES KEITH, C.E.

(Assoc.M.Inst.C.E.),

GAS, HYDRAULIC, HEATING,

And Ventilating Engineer Expert,

CONSULTING ENGINEER, SPECIALIST,

— Patentee, —

LONDON and ARBROATH.

AWARDED

TWENTY PRIZE MEDALS

At International Exhibitions.

Show-Rooms—

27, FARRINGDON AVENUE, AND

59, FARRINGDON STREET, LONDON, E.C.

(Corner of Farringdon Avenue and Farringdon St—Close to Holborn Viaduct)

Works ARBROATH.

KILLICK & COCHRAN,

51 & 53, SEEL STREET, LIVERPOOL.

TELEPHONE 439. *Telegrams*—"IDEAL, LIVERPOOL."

IRONFOUNDERS & ENGINEERS.

MAKERS OF ALL KINDS OF

COOKING APPARATUS

For Hotels, Clubs, Mansions, Schools, Hospitals, Asylums, Workhouses, &c., &c.,

BY STEAM, GAS, OR COAL

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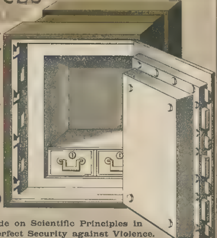

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Door Plate ½" Thick, of Best Rolled Steel,	6' × 2' 6"	Weigh	7 1 0	£18 17 6	Not F.P., £15 17 6
" ⅝" " "	6' × 2' 6"	"	8 1 14	20 18 0	" 17 15 0

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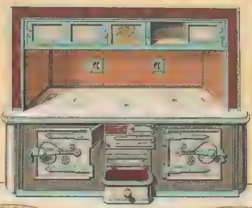

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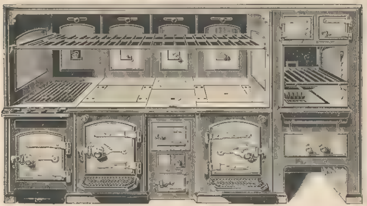

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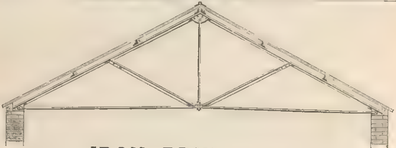

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	15 Feet.	20 Feet.	25 Feet
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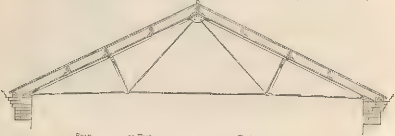
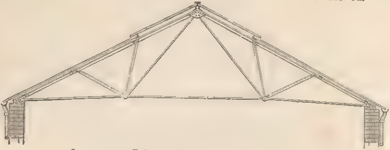


	20 Feet	25 Feet	30 Feet
SPAN— PRICE	£3 10s. 0d. ...	£4 4s. 0d. ...	£4 18s. 0d.



	25 Feet.	30 Feet.	40 Feet
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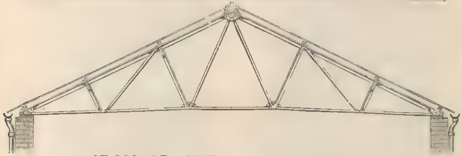

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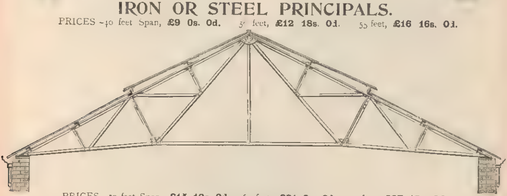

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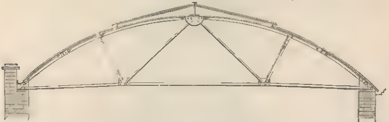

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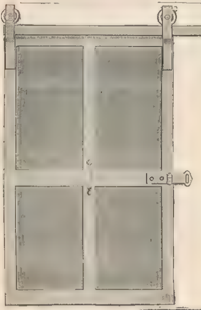

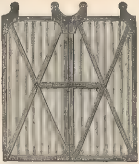

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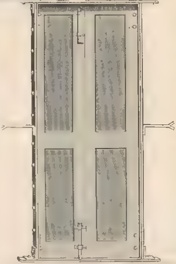

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Hung on Hinges or Lintels.

¼ PLATES, ⅜ STYLES & RAILS.

PRICES—

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„	6 6 × 2 6	6	2	6
„	7 0 × 3 0	6	15	0
„	7 0 × 3 6	7	0	0
„	8 0 × 4 0	8	0	0

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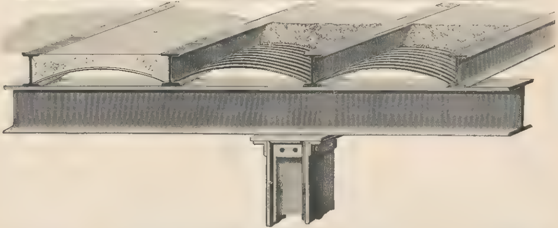

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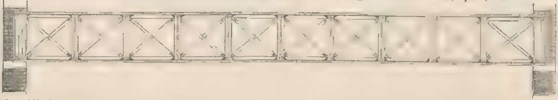

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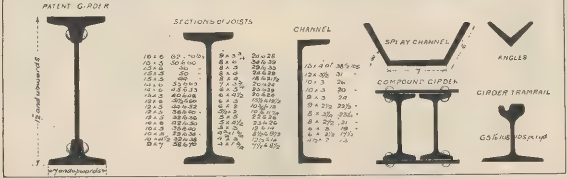

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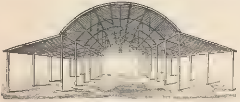

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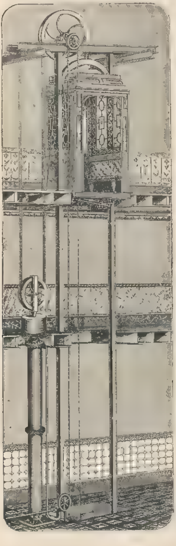

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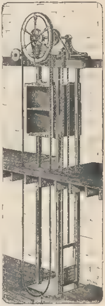

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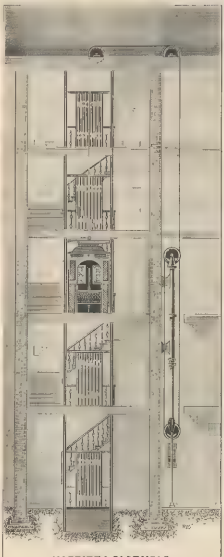

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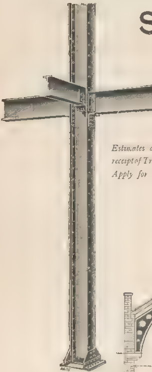

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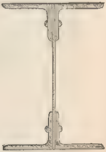

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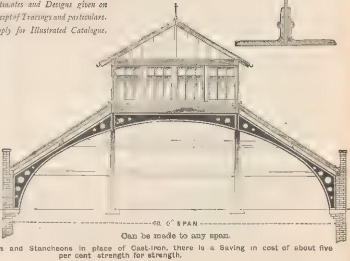

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					TABLE OF SAFE LOADS IN TONS FOR HEIGHTS IN FEET															
	6	5	25	H2	[illegible]	16·0	12·[illegible]	[illegible]	7·2	[illegible]	4·5									
	10	5	30	H3	23·7	17·7	13·3	10·1	7·0	5·8	4·5									
	8	6	29	H4	30·2	24·6	19·4	15·8	12·2	9·8	7·[illegible]	6·[illegible]	5·5	4·[illegible]						
	10	6	42	H5	42·3	33·0	25·7	20·2	16·1	12·9	10·4	8·[illegible]	7·1	[illegible]						
	12	6	45	H6	44·2	34·4	27·3	21·4	17·0	13·8	11·2	[illegible]	7·[illegible]	6·2						
	6½	7	46	H8	[illegible]·7	44·8	36·8	30·3	21·7	20·[illegible]	17·2	14·3								
	8¾	8	53	H9	68·7	[illegible]·0	49·8	41·5	35·0	30·1	25·2	21·[illegible]	18·3							
	8[illegible]	9	60	H10	86·2	73·5	63·[illegible]	[illegible]	48·[illegible]	41·1	35·2	[illegible]	26·8	23·[illegible]	20·5					
	10[illegible]	9	74	H11	[illegible]·8	86·8	70·0	[illegible]	[illegible]8	47·0	40·5	35·2	30·7	27·0	24·2					
	10[illegible]	12	82	H12	[illegible]	117·9	103·6	92·4	81·4	72·[illegible]	[illegible]3·6	5[illegible]·6	50·3	44·5	39·7	35·2	31·5			
	12[illegible]	14	91	H13	1[illegible]	1[illegible]·7	127·[illegible]	11[illegible]	[illegible]5·5	95·0	85·2	77·5	69·3	62·5	57·0	52·1	47·6	44·0	40·0	
	4[illegible]	7	43	S1	43·5	[illegible]5·7	29·5	25·0	20·2	17·0	14·0	12·0	10·1							
	7	9	61	S2	[illegible]3·[illegible]	[illegible]3·2	[illegible]4·3	[illegible]	4[illegible]·1	43·6	37·7	33·0	29·0	2[illegible]·7	22·[illegible]					
	9	12	79	S3		109·3	98·0	88·0	79·2	72·8	66·0	61·0	54·5	49·5	44·7	40·0	34·[illegible]			
	11	14	94	S4		137·7	125·1	120·1	111·2	103·2	95·3	87·2	79·7	73·4	66·4	60·0	53·8	47·7	41·3	
	13	16	103	S5				152·[illegible]	143·1	133·1	1[illegible]	[illegible]15·4	1[illegible]·7	[illegible]	93·2	85·7	71·5	73·4	[illegible]	57·0
	3		24	R3	16·5	11·5	6·9	4·7	3·3											
	4		42	R5	42·4	29·5	21·0	15·2	11·3	8·5	6·8									
	5		66	R7	81·2	[illegible]	4[illegible]·5	34·0	27·6	21·1	16·8	13·5								
	6		95	R9	132	105·6	[illegible]4·1	67·0	[illegible]2·[illegible]	42·2	34·2	28·0	23·0	[illegible]						
	6	6	35	C2	40·1	30·0	23·3	17·8	13·7	10·7	8·[illegible]									
	8	6	53	C3	[illegible]	51·4	4[illegible]	31·[illegible]	2[illegible]·8	1[illegible]	1[illegible]	12·[illegible]								
	10	6	60	C4	7[illegible]	[illegible]2·2	4[illegible]·2	[illegible]	[illegible]·7	[illegible]	1[illegible]	15·[illegible]								
	8	8	66	C5	[illegible]4·3	[illegible]	[illegible]	53·1	42·6	3[illegible]·4	[illegible]	2[illegible]	1[illegible]	1[illegible]						
	9¼	8	66	C13			81·[illegible]	[illegible]	[illegible]	[illegible]	47·[illegible]	41·[illegible]	[illegible]							
	10½	10	66	C9			90·[illegible]	80·[illegible]	72·2	[illegible]·1	[illegible]·7	50·0	44·5	39·2	35·0					
	12	12	89	C10			130·[illegible]	[illegible]	107·[illegible]	[illegible]	8[illegible]·8	78·9	71·2	64·2	57·8	51·6	46·4			
	13½	14	114	C15			[illegible]	172·1	155·4	141·7	130·2	118·1	107·8	98·3	89·2	81·7	74·1	67·5		

By using Steel Columns and Stanchions in place of Cast Iron, there is a saving in cost of about 5% strength for strength

WEIGHTS PER FOOT RUN DO NOT INCLUDE CAPS AND BASES.

"OTIS" Elevator Company, Ltd.,

4, QUEEN VICTORIA STREET, LONDON, E.C.

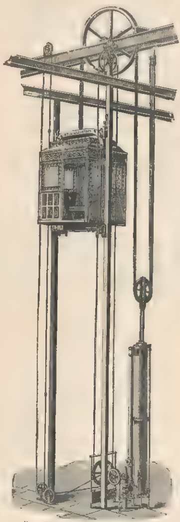
"OTIS" ELEVATORS OR LIFTS.

HYDRAULIC, ELECTRIC, OR STEAM.

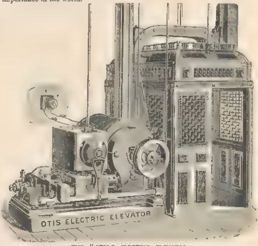
Only high class machinery is produced, giving the highest results in efficiency, economy in power, low cost of maintenance, uninterrupted working and safety, at the lowest price possible consistently with these qualities

Some of the best known buildings in which these Elevators may be seen running are :—Hotel Cecil, 16, The Hotel Victoria, 4, Savoy Hotel, 6, London and North Western Railway Company's Offices, Westminster, and Euston Hotel, Great Northern Railway Company's Hotels, London, Bradford, and Leeds; Midland Grand Hotel, St. Pancras; Glasgow Municipal Buildings; Manchester Town Hall, Brighton Town Hall, Bolton Town Hall, New Scotland Yard, 5.

The largest installation of Elevators in the world has now been constructed by us for the Glasgow Harbour Tunnel. Our Elevators are in every city of importance in the world.



"OTIS" STANDARD HYDRAULIC ELEVATOR.



THE "OTIS" ELECTRIC ELEVATOR,

Cut of which is here shown, is absolutely safe beyond possibility of accident. The motion is as perfect as that of our Hydraulic Elevator.

We recommend its adoption where electrical energy can be supplied with more advantage than hydraulic power

The machine consumes power only in proportion to the load lifted.

It is especially suited to private houses.

The motor is so constructed that it starts and stops with the winding machinery.

SPECIAL PARTICULARS ON APPLICATION

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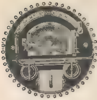

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The CHEAPEST STEAM RAISER in the MARKET.

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SUITABLE FOR ALL KINDS OF BOILERS.

No High Chimney Required. Defective Draught readily Overcome. Evaporation Largely Increased. Suitable for all kinds of Good or Refuse Fuels.

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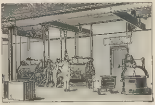

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Plans and Estimates for the complete equipment of Laundries in connection with Public and Private Institutions, and all preliminary information given free of cost, also for Cooking and Heating Apparatus, and the Engineering of Public Baths and Wash-houses, &c.

Architects would oblige by mentioning the source of their information when communicating with the Firms represented in "The Compendium."

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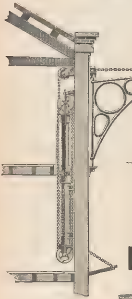

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SELF-SUSTAINING
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OF ALL KINDS
FOR ALL PURPOSES

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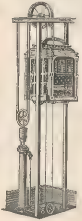
1854.



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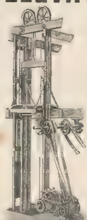

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CONSTRUCTIONAL STEEL & IRONWORK

Designs and Estimates, &c., furnished on application.

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ELECTRIC LIGHTING STATIONS, THEATRES, ETC.,

ROLLED & RIVETTED GIRDERS

SHEETS OF SECTIONS WITH TABLES OF STRENGTHS AND OTHER INFORMATION FREE ON APPLICATION.

Immediate Deliveries from Town Stock.

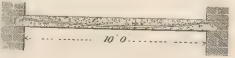
CONTRACTORS TO HER MAJESTY'S GOVERNMENT.

EDWARDS' FIRE-PROOF FLOOR.

EDWARDS' F[illegible]OR is the res[illegible]lt of a large number of experiments extending over many years with a view to determine the simplest and safest met[illegible]d [illegible] b[illegible]ng concrete with steel so as to render plate or slab concrete floors perfectly safe from collapse in case of sudden impact from [illegible]eavy loads being deposited thereon, and also to avoid the use of steel or iron joists. Messrs Hyatt, Monier, and others have obtained good results of a similar kind, but in a lesser degree, and in a more costly manner. Mr Edwards has ascertained almost the exact arrangements necessary to equalise the compressive strain upon the upper half and the tensile strain upon the bottom half of a concrete floor, as proved by Mr. Kirkaldy in his experiments.

EDWARDS' Fire-proof Floor consists of concrete *in situ*, in which steel tension rods are embedded—no joists being employed—to resist the tensile strain resulting from sudden shocks or heavy loads.

This floor is only about four inches in thickness, and is especially adapted for workmen's flats and dwellings, corridors, and rooms where the span does not exceed 12 feet, and where the passage of a certain amount of sound—common to all solid concrete floors—is no objection.



It affords no harbour for vermin, takes up the smallest possible space, and its strength increases with age.

It is exceedingly economical, the cost being only from £3 per square upwards, left ready for surface finish, and from £4 per square if cased with narrow boards.

Unlike ordinary concrete plate or slab floors, which may break down without any warning, the limit of elasticity of **EDWARDS' Floor** is identical with that of the tension rods, and if deflected ⅞ in. in 10 ft. it will resume its normal shape when the load is removed.

The following is a copy of a letter received from Mr. Harry W. Chubb relative to a floor 4 inches only in thickness:—

CHUBB'S SAFE WORKS, LONDON.
29th August, 1894.

TO MR. FREDK. G. EDWARDS.

Dear Sir,—In reply to your letter regarding your patent concrete and steel beams, these form a solid [illegible] inch floor over a pit at this factory, and carry a large portion of our scrap iron. We allow a weight of from 20 to 25 tons to accumulate thereon at a time. The area is about 80 superficial feet. It is a little more than two years and a half ago that the beams were laid, and they have been in constant use ever since, showing up to the present time no signs of deterioration.

I am, Yours truly, HARRY W. CHUBB.

EDWARDS' FIRE-PROOF LINTELS.

These door and window lintels are a skilful combination of mild steel rods and Portland cement concrete of the very best character, in a way to obtain about eight times the normal strength of the same description and quality of concrete made in the usual manner.

FIRE-PROOF LINTELS.

Almost the exact arrangements necessary to equalise the compressive strain exercised upon the upper half of a lintel, and the tensile strain upon the bottom half, have been ascertained, as shown by experiment No. 925, by Mr. KIRKALDY, as follows:—

Result of Experiments to ascertain the resistance to bending stress of the concrete specimens received from F. G. EDWARDS, Esq.

TEST NO.	SECTION.	DESCRIPTIONS, DIMENSIONS, AND ACTUAL WEIGHT.	SPAN.	STRESS.	DEFLECTION.	EFFECTS.
				Pounds.	*Inch.*	
925	3"	G. Concrete with steel rods in underside, ·38-in diameter; 12 00-lbs per foot run.	10-ft.	2,494	0·92	Bottom cracked and top crushed.
926	3"	J. Concrete without steel rods; 11 38 pounds per foot run	6-ft.	431	0·06	Broke across.
928	3"	L. Concrete lintel, with rods curved up to the top of lintel at the ends, ·19-in diameter, 11 77-lbs. per foot run.	3 ft. 6-in.	5,104	0·42	Bottom cracked, destroyed, cracked also at end bearing

DAVID KIRKALDY.

EDWARDS' Lintels and Beams can be manufactured of any dimensions, but these sizes are kept in stock at the following prices:—
4½ in. × 4½ in. [illegible] 3, [illegible] and 5 ft. long [illegible]d. per foot run. 6 in. × 4½ in. [illegible] 4, 4½, 5 [illegible] and 6 ft. long 9d. per foot run.
9-in. × 4½-in. = 5½ ft. long, 1/- per foot run.

They can be sent by rail with no risk of breakage, and at cheap rates.

The 6 in. × 4[illegible] are strong enough for all ordinary purposes, and they bond with two courses of bricks. The weight of the 4½ in. [illegible] in. [illegible] ounds, and the 6 in. [illegible] in. 19 pounds per foot run.

POTTER & Co., LIMITED,
39, VICTORIA STREET, LONDON, S.W.

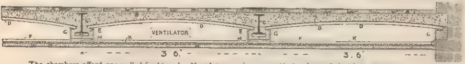
POTTER'S PATENT FIRE-PROOF FLOOR.

THIS Floor possesses many distinct advantages over every other system, the result of 25 years' practical experience in concrete construction, and of many experiments.

It is extremely light, weighing only 26 pounds per superficial foot.

The materials are arranged so as to obtain **a maximum of strength with a minimum of materials** Mr. Baldwin Latham, in his report on the fall of concrete floors at Cambridge, says —"**Concrete floors between Iron Joists should be cambered or curved,** so that the strains may be in compression and not in tension." As shown, with 3½ feet spans, concrete averaging 3 inches in thickness, **the safe load is 1½ cwt. per foot** superficial.

The steel joists are **better protected from the effects of fire than by any other system** The fire-clay flange shields **EE**, double air space **M M**, and plaster ceiling **H**, effectually safeguard the most important part of the steel joists the bottom flange



The chambers afford unequalled facilities for Ventilation, and are available for electric light wires, pipes, &c

It occupies but little space; floor, floor casing, and ceiling together measure only 9½ inches in depth when finished, for 15 feet spans.

It is a perfect sanitary floor, affording no harbour for dust vermin, or insects, as there is no space whatever between the floor boards and the concrete a marked improvement upon the ordinary system of resting small wood joists on the concrete for the floor-boards to be nailed to.

Experiments have proved that **it will resist a fierce conflagration for hours**

The air chamber and concrete floor **promote an even temperature in rooms**, rendering them cooler in summer and warmer in winter than the ordinary wood joist floor.

The durability **is that of the walls which support it**

The cost is from £6 per square complete, ready for plastering, including the wood casing **A**.

Architects can be referred to floors laid in this way twelve years since.

A is a wood floor casing **B** concrete, **D** corrugated iron permanent centre, **EE** fire clay flange shields **GG** iron hangers, **H** ordinary plastered ceiling; **K** metal lathing; **F** iron lathing bar, **MM** air spaces.

The floor **B** is specially adapted for warehouses, maltings, breweries, &c, where the passage of a certain amount of sound is no serious objection, and no ceiling is required

It is fire resisting to a very great extent, the steel joists being everywhere thoroughly encased

It occupies but little space, wood floor or cement finish, and concrete, only measuring 4½ in. deep in centre between joists.

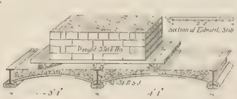
The cost does not exceed that of a wood floor of good construction, as it can be executed from £4 per square (exclusive of floor finish)

CC are steel joists, varying in depth and weight according to the span and load to be carried; **B** Portland cement concrete **D** corrugated iron centres, **EE** fire clay flange shields.

STRENGTH TEST OF POTTER'S AND EDWARDS' FLOORS.

The Illustration below shows the enormous strength of POTTER'S FLOOR, and of EDWARDS' SLAB made on a similar principle to EDWARDS' FLOOR.

The former is arch-shaped; the concrete—resting on permanent corrugated iron centres—**averages 3½ in. in thickness** and is loaded **with a dead weight equal to 4¾ cwt. per superficial foot distributed.** The joists are **not pinned into walls,** and **have no abutment** to receive any thrust from the arch-formed concrete The concrete is made of Portland cement, and clinker from rubbish destructor.



EDWARDS' SLAB, as shown is also **supporting 4 cwt. per superficial foot. It is 1¾ in. in thickness,** and has nine small curved and corrugated steel tension rods embedded in it.

Slabs of this character are perfectly safe when subjected to sudden impact.

Laid on slight steel joists they form an incombustible floor, well adapted for many purposes where lightness, speedy construction, durability, and economy of cost are essential

The Floor and Slab, loaded as shown, can be seen any time in London.

POTTER & Co., LIMITED,

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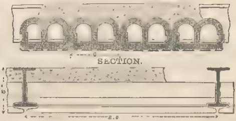
PICKING'S PATENT TWIN ARCH.

LIGHT, STRONG, SOUND-RESISTING.



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ELEVATION.

C. G. PICKING, ENGINEER, Patentee & Sole Manufacturer.

Interlocking Fire-Proof Flooring and Partitioning.

ADOPTED FOR

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And many other Large Buildings

THE MAXIMUM OF STRENGTH WITH THE MINIMUM OF WEIGHT AND THICKNESS.

Of great importance is the fact that this floor does not need the extraneous aid of concrete to give it strength, and there is consequently no temptation to economise weight by the employment in the concrete of a combustible material like coke breeze, as is sometimes the case. The double-arched blocks possess in themselves the requisite strength, and, without the addition of concrete, will carry a safe load of 5 cwt. per square foot. They need only the covering of fire-resisting grout, supplied with them, to form a homogeneous floor. Easily fixed. No skill required. Can be put in position as work proceeds, or after Joists are fixed. Forms an internal scaffolding. Resists action of water when heated. No trouble with expansion and contraction. All the advantages of arches without thrust. Extreme resistance to falling bodies. If deliberately broken by great force, piece cannot fall out. Every part interlocking. Every tube one solid piece. No loose pieces requiring concrete to keep them together. Holes easily cut after erection in any portion of floor, and ti'es cannot fall. Perfect Ventilation.

PICKING'S PATENT INTERLOCKING FIREPROOF PARTITIONING.

Lightest on the Market. Thinnest yet invented. Strongest system known. Every piece Interlocking No skill required in fixing. No struts. No clip pieces. Fixed to any kind of floor. Sound-resisting. Self-supporting No special cement required. Any angle formed without trouble. Weighs only 11 cwt. per square. Finished thickness only three inches.

All Goods Shaped with our Special Jagged Dovetail. Ready for Plaster immediately on Erection.

EVERY INFORMATION GIVEN ON APPLICATION. DETAILS, DRAWINGS QUANTITIES, ESTIMATES AND QUOTATIONS PREPARED PROMPTLY AND WILLINGLY.

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As supplied to Her Majesty's Government.

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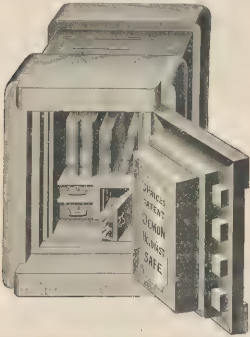

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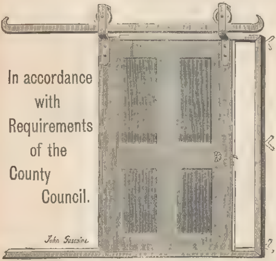

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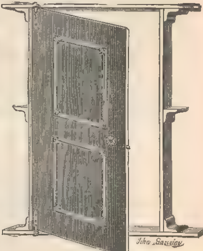

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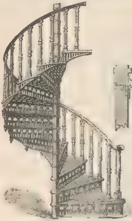

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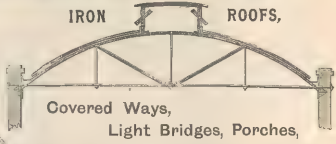

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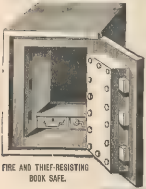

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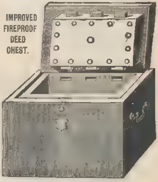
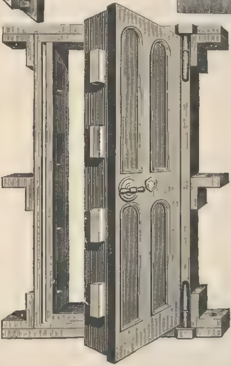


IMPROVED FIREPROOF DEED CHEST.



Estimates for Every Description of Iron Doors.

Prize Award Melbourne, 1888.

Estimates for Sliding Doors for Party Walls.

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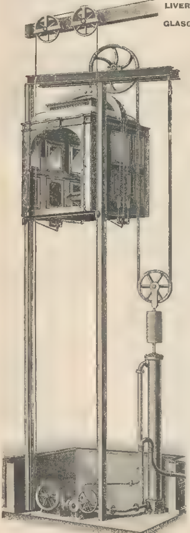
ARCHIBALD SMITH & STEVENS,

Telegraphic Address—"Hydraulics, London."

QUEEN'S ROAD, BATTERSEA, S.W.

MANCHESTER—NORTON ST., GREENGATE, SALFORD.
LIVERPOOL—WARREN WILLIAMS, 16, COMMERCE CHAMBERS, 15, LORD STREET, LIVERPOOL.
GLASGOW—MONKHOUSE CARTMELL, 87, MAXWELL ST., GLASGOW.



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For Passengers,
For Goods.

With Water Saving Regulator.

RELIANCE LIFTS.

RAM LIFTS.
STEAM LIFTS.
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HYDRAULIC CRANES.
HAND CRANES.
WAREHOUSE CRANES.
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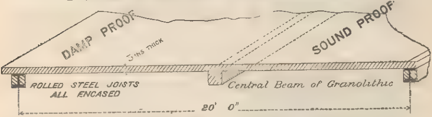
HYDRAULIC PUMPS.
STEAM PUMPS.
DOOR SPRINGS.

☞ *WRITE FOR CATALOGUES.*

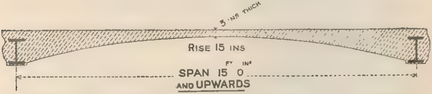
STUART'S PATENT GRANOLITHIC FIRE-PROOF FLOORING.



PANELLED FLOORS, as above, made to span LARGE INTERVALS without INTERMEDIATE STEEL JOISTS.

These Floors are perfectly FIRE-PROOF, and of EXTRAORDINARY CARRYING CAPACITY.

These Floors are suitable for HOTELS, LARGE MANSIONS, and PUBLIC BUILDINGS of all descriptions where Ceilings are required of an ornamental character. They can be laid with FINISHED WORKING SURFACES, or left for Mosaics or Wood, &c.



ARCHED FLOORS, as above, made to any span, and to carry HEAVY LOADS, with Finished Working Surfaces.

These Floors are suitable for WAREHOUSES, MALTINGS, GRANARIES, and MILLS, &c., where very heavy loads are common. They can be made suitable for any load per Square Foot.

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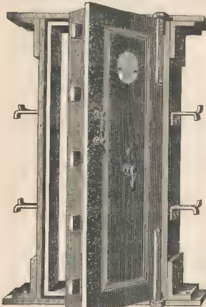
LOCKS of ALL KINDS. SPECIAL £5 5s. BENT STEEL SAFES.



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(New Pattern).

	£	s.	d.
6-ft. 0-in. × 2-ft. 6-in.	£5	12	6
6-ft. 6-in. × 2-ft. 6-in.	6	2	6
6-ft. 6-in. × 3-ft. 0-in.	6	15	0
7-ft. 0-in. × 3-ft. 0-in. . . .	7	0	0

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MADE TO SPECIAL DIMENSIONS. PRICES ON APPLICATION.

PLATE CLOSET AND STRONG ROOM DOORS AND GRILLES.

	Plate Closet Doors.			Strong Room Doors.			Ventilating Grills.		
	£	s.	d.	£	s.	d.	£	s.	d.
6-ft. 0-in. × 2-ft. 6-in.	12	0	0	15	10	0	7	0	0
6-ft. 0-in. × 3-ft. 0-in.		—		18	0	0	8	0	0
6-ft. 6-in. × 2-ft. 9-in.	13	10	0	18	0	0	8	10	0
6-ft. 6-in. × 3-ft. 0-in.				19	10	0	9	0	0
7-ft. 0-in. × 3-ft. 0-in.	15	15	0	22	0	[illegible]	10	0	0

Estimates given for Ornamental Iron Doors to Architects' Special Designs, and for every description of Iron Doors, with Wrought or Cast-Iron Frames.

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Secretary: E. JOHNSON. WORKS ESTABLISHED 1859. *Telegraphic Address*: "HYDRAULIC, ULVERSTON."

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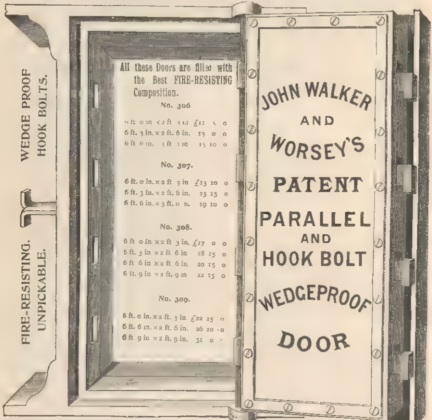

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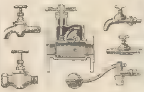

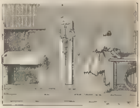
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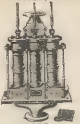
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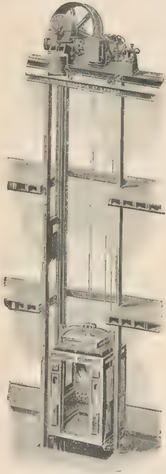

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Direct-Coupled Electric Passenger Lift.

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FOR
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PATENT WATER-SAVING LIFT.

THIS Lift is operated by water from the high pressure mains, the chief feature of which is that it only uses the water in proportion to the load it raises. The economy effected is therefore most striking, because in hydraulic machinery, as a rule, there is no variation in the consumption, except by clumsy or awkward arrangement, and in the **Water-Saving Lift** the selection of the power is **Automatic.**

WAYGOOD'S ELECTRIC LIFT,

Suitable for Passengers or Goods, and arranged with the Gear either below or above.

A most improved Lift, smooth & quiet, & very economical.

Particulars required for quoting in all cases are:

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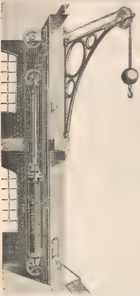
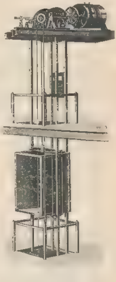
R. WAYGOOD & Co., Ltd.,



By Special Appointment

To H M the Queen.



HAND CRANES.

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POWER LIFTS.

FOR

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COMPLETE PLANTS OF HYDRAULIC MACHINERY.

With Engines, Pumps, Accumulators, &c., shipped ready for Erection Abroad and in the Colonies.

APPROXIMATE PRICES OF HAND LIFTS.

No	Class.	Load.	Height	Size of Box	Price Delivered	Fixing in London.
1	Dinner Lift ..	56 lbs	20 ft	2ft. by 1ft. 6in. by 2ft. 6in. ..	£13 10 0	£4 0 0
2	Coal Lift ..	1 cwt.	20 ft.	2ft. 6in. by 1ft 9in by 2ft 6in	18 10 0	5 0 0
3	Goods Lift ..	5 cwt	30 ft.	3ft 6in by 3ft. by 4 ft 6in ..	27 10 0	7 0 0
4	Do ..	10 cwt.	30 ft.	4ft by 4ft by 6ft ..	35 0 0	9 0 0
5	Furniture Lift	7 cwt	30 ft	6ft by 4ft. by 7ft ..	45 0 0	10 10 0

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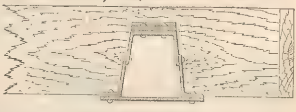
HUDSON'S PATENT BEAM for supporting joists, and coming level with the ceiling. Nos. 1 and 2 weighing respectively 86 and 162 lbs. per yard; these Beams are so constructed that the strength of the solid section is maintained throughout. The Beams are 8" and 9" deep respectively.



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THE WATER-SAVING HYDRAULIC MACHINERY.
THE HYDRAULIC POWER WATER ENGINES.

PRICES OF HAND LIFTS

Load.	Size of Box.	Height.	Price.	Fixed in London
			£ s. d.	£ s. d.
¾ cwt.	2 ft. 0 in. × 1 ft. 6 in. × 2 ft. 6 in.	20 ft.	13 0 0	3 5 0
1½ cwt	2 ft. 6 in. × 2 ft. 0 in. × 2 ft. 6 in.	20 ft.	14 10 0	3 15 0
5 cwt	3 ft. 6 in. × 3 ft. 6 in. × 4 ft. 6 in.	30 ft.	27 0 0	5 10 0
10 cwt	[illegible] ft. [illegible] in. × 3 ft. 6 in. × 5 ft. 6 in.	30 ft.	32 10 0	[illegible] 10 0
20 lbs.	1 ft. 6 in. × 1 ft. 3 in. × 2 ft. 0 in.	20 ft.	10 0 0	2 15 0

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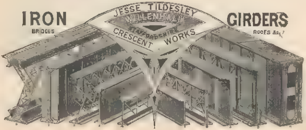

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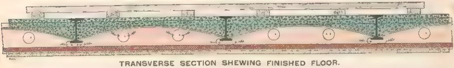
THE FIREPROOF FLOORS IN THE PARK HOSPITAL

. . . are being constructed by . . .

WILLIS & ASTLEY to the extent of about 1¼ ACRES.



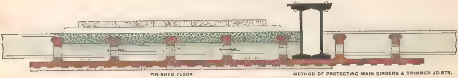
TRANSVERSE SECTION SHEWING FINISHED FLOOR.

Constructed with steel joists, concrete arches, and terra-cotta lintels.

THE WEIGHT IS CARRIED BY THE JOISTS AND CONCRETE ONLY,

The lintels simply serving as a fire resisting covering protecting the metal and concrete, and forming a flat fire-clay ceiling, and a continuous air chamber through the floor.

The lintels are formed with bulbed tops, which are embedded in the concrete, and are by that means firmly fixed and held.



FINISHED FLOOR — METHOD OF PROTECTING MAIN GIRDERS & TRIMMER JOISTS.

LONGITUDINAL SECTION.

Trimmer joists, and in many cases main girders, can be protected by the lintels in a manner that is quite impossible with any other system.

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FIXED RECENTLY AT THE FOLLOWING BUILDINGS.

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Advantages
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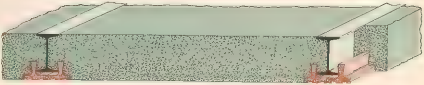
- No discolouration to plaster caused by exposed metal.
- No breaking away of plaster or concrete from underside of joists.
- No wire netting to joist necessary.
- Space for the joists to expand in case of fire.



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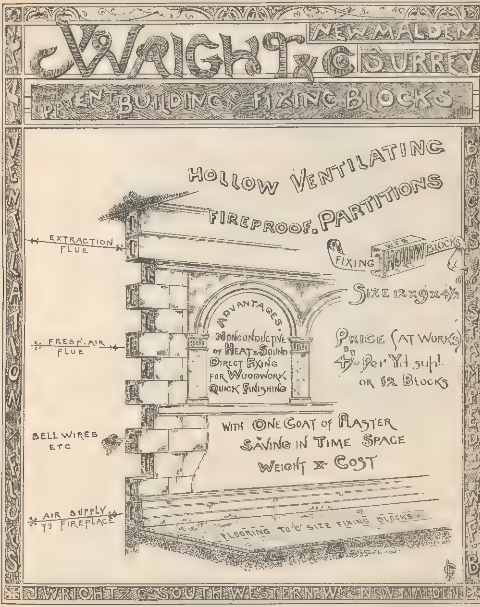


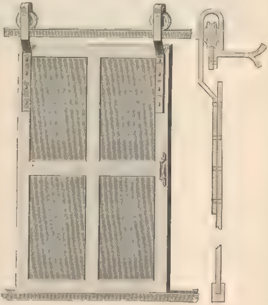
For WRIGHT'S FIXING BLOCKS for Walls and Floors, see page 136.

WHITFIELD'S

WROUGHT IRON PARTY WALL OR INSURANCE DOORS,

MADE IN ACCORDANCE WITH THE METROPOLITAN BUILDING ACT.

IN FRAMES, SINGLE or DOUBLE. *SLIDING, SINGLE or DOUBLE*



SPECIFICATION.

¼ in. Plate panelled with [illegible] in. Stiles and Rails and hung with Wrought Iron Centres into Frames [illegible] or 2½ in. by [illegible] in. according to size of door. Secured with 12 in. Tower Bolts and Lever Dead Lock.

SPECIFICATION.

[illegible] in. Plates with ⅛ in. Stiles and Rails hung with strong Wrought Iron Straps and 6 in. Pulleys on to 3 in. by ⅝ in. round edge Running Bar, Groove &c., complete.

Prices of these Doors sent on receipt of sizes of openings.

F. WHITFIELD AND CO.,

MANUFACTURERS OF WROUGHT IRON SAFES AND DOORS,

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London Office: 20, CHEAPSIDE, LONDON, E.C.

WHITFIELD'S
FIRE RESISTING IRON DOORS.

SIZES (of Door Plates.) Ft. In.		by	Ft. In		PRICES £	s.	d.
6	0	by	2	0	12	15	0
6	0	,,	2	6	14	9	0
6	0	,,	3	0	15	15	0
6	6	,,	2	9	15	15	0

Other Sizes at Proportionate Prices.

Discounts and Terms to Builders and Architects on Application.

PARTY WALL DOORS
FOR WAREHOUSES
FROM £3 10s. EACH.

FIRE AND BURGLAR RESISTING SAFES
FROM £5 5s. EACH.

Quality No. 37.

SPECIFICATION. Door Plates [illegible] in solid hung with strong WROUGHT IRON CENTRES into 3 in by [illegible] in Frame with 2¼ in by [illegible] in Rebate Bar 3½ in FILLED Lock-case secured to Door Plate with Pins and Straps, Brass Lever Handle, throwing Four Bolts at Front, Three Back Dogs

Bolts secured by **WHITFIELD'S PATENT** seven-slide Lock, or Patent Solid Lever Block Lock (two keys), protected by Hardened Steel Plates.

F. WHITFIELD AND CO.,
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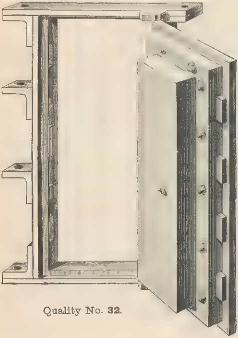
WHITFIELD'S

WROUGHT IRON FIRE & THIEF-RESISTING DOORS.



Quality No. **32**.

SPECIFICATION.

Four Bolts thrown back and front by Brass Handle, and secured by "Whitfield's Patent Gunpowder Proof Un-pickable Lock," pro-tected by hardened Steel Plate.

Suitable for Solicitors' use, Butlers' Pantrys, and in every case where contents will be of a valuable nature.

Size of Door Plate ..			6-ft. × 2-ft	6-ft. × 2 ft. 6in.	6-ft. × 3-ft.
Door Plate ½-in. Frame, 3-in. × ⅝-in Rebate, 2¼-in. × ⅝-in.	Fire-proof ..	Price (£ s d)	**17 15 6**	**19 6 0**	**20 12 0**
		Weight (Cwt Qrs lbs)	6 2 14	7 2 14	8 2 0
	Not Fire-proof ..	Price (£ s d)	**15 12 0**	**17 0 0**	**18 10 0**
		Weight (Cwt Qrs lbs)	5 2 14	6 2 0	7 2 0
Door Plate [illegible] Frame [illegible] Rebate [illegible]	Fire-proof ..	Price (£ s d)	**19 5 0**	**21 0 0**	**22 18 0**
		Weight (Cwt Qrs lbs)	7 1 14	8 2 0	9 3 0
	Not Fire-proof ..	Price (£ s d)	**16 14 0**	**18 7 6**	**20 0 0**
		Weight (Cwt Qrs lbs)	6 1 0	7 1 0	8 1 0

OXFORD STREET, BIRMINGHAM.

WHITFIELD'S BANKER'S DOOR & LOBBY

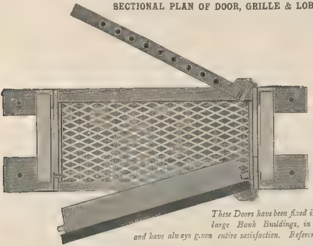
WITH GRILLE COMPLETE.

FOR 18-INCH WALL.

Door Plate $1\frac{1}{4}$in. thick, made up of two Best Wrought-iron Plates, with Best Hardened Iron and Steel Plate between (the steel in this Plate is actually rolled and welded into the iron, so that the steel portion can be hardened to be absolutely drillproof; but having the Soft Iron Plate at back it retains its toughness, and the steel cannot be broken or chipped away). The Door and Grille are hung with Wrought-iron Centres into $\frac{3}{4}$in. Frames, and the Rebate is formed by the sides and top and bottom of Lobby, which is $\frac{1}{2}$in. thick, with chequered sill. The Angle Iron Framing which clips the wall is $2\frac{1}{2} \times 2\frac{1}{2} \times \frac{3}{8}$in., and is securely fixed to the framework at both back and front.

The fastenings on Door are two sets of **Whitfield's Patent Screw Bolts**, secured by two Locks, namely, one 12 and one 9 Slide. These Bolts and Locks are now in use in most of the Banks and large Jewellers' Establishments, and have in all cases given entire satisfaction; in fact, the Screw Bolt is recognised as the most secure fastening ever invented, as it makes even the best attempts at wedging absolutely useless.

SECTIONAL PLAN OF DOOR, GRILLE & LOBBY.



These Doors have been fixed in many of the large Bank Buildings, in the Country, and have always given entire satisfaction. References if required.

PRICES.

Ft.	Ins.		Ft.	Ins.	£	s.	d.	Ft.	Ins.		Ft.	Ins.	£	s.	d.
6	0	×	2	6	75	0	0	6	0	×	3	0	80	0	0
6	6	×	2	6	78	0	0	6	6	×	3	0	83	0	0

Above are the sizes of Door Plates. Other sizes at approximate prices.

F. WHITFIELD AND CO.,

MANUFACTURERS OF WROUGHT IRON SAFES AND DOORS,

OXFORD STREET, BIRMINGHAM.

London Office: 20, CHEAPSIDE, LONDON, E.C.

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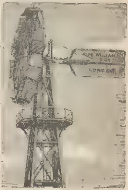

This illustration shows the Windmill at rest, with Sails furled; allowing the wind to pass freely through the wheel.

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Contractors to H M. Government.

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Telegrams, "Ventulus, London." *Five minutes walk from Liverpool St. Station G.E.R.*

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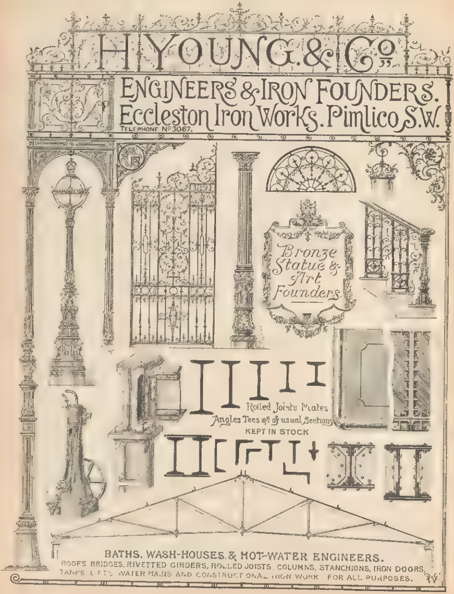
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TANKS LIFTS WATER MAINS AND CONSTRUCTIONAL IRON WORK FOR ALL PURPOSES.

The Complete Catalogue

Section E.

Fittings and Furniture.

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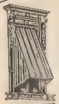

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Estimates given for fitting throughout Hotels, Public Buildings, Schools, Private Residences, Shops, &c., with Outside and Inside Blinds.

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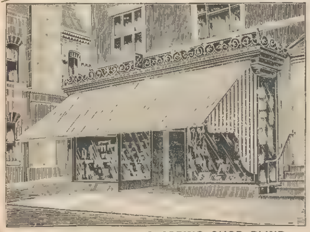

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Inside Venetian Blinds
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- " Embroidered
- " Duchesse Lace
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- " Insertion
- " Wire
- " Cane
- " Stained Glass
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- " Opaque for Lecture Rooms of Institutes, &c., &c.

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- " Oriental
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- " Improved Spanish
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For Standards.	Orham.	Oak.
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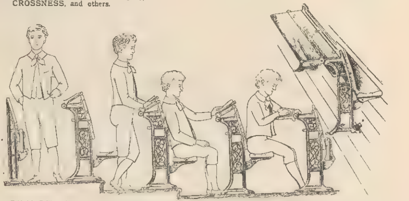

Folded for Drill and Cleaning. Set for Reading, &c. Set for Writing.

POINTS OF SUPERIORITY.

1. They are constructed out of the best quality of Oak or Orham – thoroughly seasoned and free from all imperfections.
2. The iron and wood are dovetailed together, so that the Desk does not depend upon screws for its stability.
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5. The Back and Seat are curved and shaped so as to give proper support to the body, and the inclination of the pupil is to maintain an upright and healthy position.
6. There is no machinery to get out of order and it is impossible to pinch the fingers in folding of either Desk or Seat.

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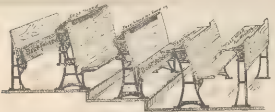
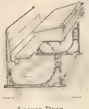
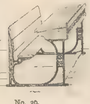


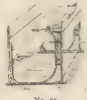
No. 44.—BENNET DESK London School Board Pattern.
Oak, 18/10. Orham, 18/ per Dual Desk.



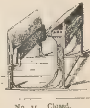
No. 27. Locker Desk.
Orham, 25/-; Oak, 26/6.



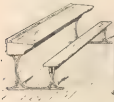
No. 29.
Orham, 18/6, Oak, 20/-.



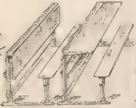
No. 31.
Seat and Desk Open.



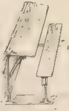
No. 31. Closed.
Orham, 21/-, Oak, 22/



No. 5?
Orham, 4 , Oak 4/6 per ft run

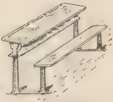


Folded down Set as Table

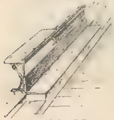


Set for Writing

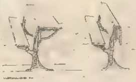
No. 6? Convertible Orham, 4/8 Oak 5/2 per ft



No. 6? Convertible.
Orham, 4/3, Oak, 4/10 per ft.



No. 11. Infant Gallery.
Orham, 2/10 Oak, 3/1 per ft run



Folding Desk.

No. 86. Infant Dual
Orham 14/2 Oak 14/10

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Orham 12/8 Oak, 13/6

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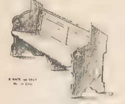

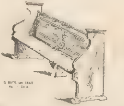

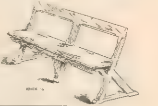

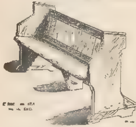

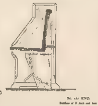

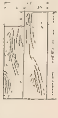

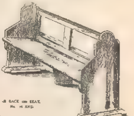

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With our Hall Seating, we have, so far as is possible dispensed with Cast Iron for Standards, using straight grained Oak in all cases instead, so that the Seating is thereby not only strengthened, but is more easily handled.

Every care is taken to have all our seats constructed the proper shape and dimensions, to ensure comfort.

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Orham ... 2/4	Orham ... 2/3	Orham ... 2/8	Orham ... 2/2	Orham ... 2/9
Oak ... 2/7	Oak ... 2/6	Oak ... 3/-	Oak ... 2/5	Oak ... 3/1

Above prices per foot run.

THEATRE SEATING.

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All these have Folding Seats and Tilting Backs.

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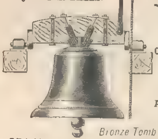

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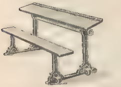

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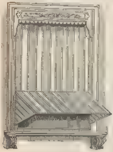

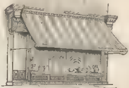

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Suitable for Shop Fronts, Dividing Class Rooms, Warehouses, Doorways, &c., in Iron, Steel or Wood.

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INSIDE & OUTSIDE BLINDS of every Description, for **Hotels, Mansions, &c.**

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Mechanical. Electric.
Pneumatic.

GASFITTING.
Main and Service Pipes.
Gasaliers
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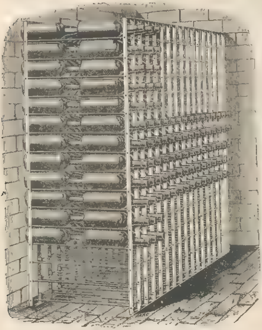

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THE HOTEL METROPOLE,
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IN TOWN AND COUNTRY, HAVE BEEN
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Inventors of the "SLIDER" and other PATENT WINE BINS for one, two, or three Bottles deep.

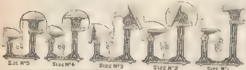
DESCRIPTIVE CATALOGUES with 800 ILLUSTRATIONS of IRON WINE BINS CELLAR FITTINGS MACHINES, &c, may be had free upon application

WILLIAM FISHER & SON, West Bromwich, Staffs.

School Furniture, Church Seat, and Joinery Works.

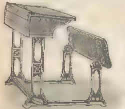
SOLE MAKERS BIRMINGHAM SCHOOL BOARD -THREE YEARS CONTRACT

OVER 1,600 SCHOOLS SUPPLIED



No. 14A [illegible] Desk Seat [illegible] and Table Top with Fixed or Folding Seat. Oak, Birch, or Pitch Pine Duals, 20/- to 24/- each. Long Lengths, 4/- to 5/- per foot.

No. 110. Fixed Top Folding Seat [illegible] Long Lengths [illegible] per foot.



No. 95 [illegible] or Pitch [illegible] per foot.

No. 130 Adjustable [illegible] Seat [illegible]

No. 140 [illegible]

No. 123 Dual, 10/- to 11/-

No. 141. Art D[illegible]

No. 124

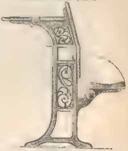
PROTECTED BY TWO PATENTS.

"THE FISHER DESK"—
NEW PATENT SCHOOL BOARD DESK.

The Best and most Up-to-date made.

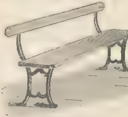
Top in One Piece. No Middle Joint. Ink and Slates Stationary.

Sizes and Prices same as No. 14a.



No. 122 [illegible]

No. 30. Reversible Back. 2/6 to 3/6 per foot.



No. 34 Seat [illegible] to 3/- per foot.

WILLIAM FISHER & SON, WEST BROMWICH, STAFFS.

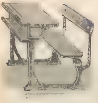
School Furniture, Church Seat, and Joinery Works.

SOLE MAKERS BIRMINGHAM SCHOOL BOARD—THREE YEARS CONTRACT.

OVER 1,600 SCHOOLS SUPPLIED

INFANTS' DESKS.

(Made in Three Sizes—for Babies, Infants, and 1st Standard.)

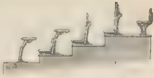


No **110A** Duals, 13/- to 16/-. Long ... 4/- per foot.

No **113.** (Patented.)

No **40** Cupboard with Revolving Shutter Front. 4 ft 6 in × 7 ft 6 in
Oak £9 Pitch Pine £7 10s

These Patented Infants' Desks (Nos 100, 112 & 113), which were introduced by W. F. & Son eighteen months ago, have met with the greatest success Over 6,000 of the No 100 were sold during 1895. They have given satisfaction wherever they have been sent, and have proved most simple, serviceable strong, and convenient, and none have (as far as is known) broken or got out of order They combine **more advantages than any other Gallery Desk** on the Market, and are as low in cost The joint prevents fingers being pinched, and the top of Desk is never in the way of children's heads.



No. **100** (Pa...)

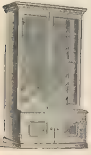
PRICES.

	Pitch Pine.	Birch	Oak	
No 100—Duals each ..	8/0	9/0	9/6	(without seat.)
5 ft upwards, per ft	2/0	2/3	2/6	,,
No 112—Duals each ..	13 0	14/0	15 6	(with seat.)
5 ft upwards, per ft.	3/0	3/3	3/9	,,
No 113—Duals each ..	14/0	15/0	16/0	,,
5 ft upwards, per ft.	3/3	3/6	4/0	,,

Slate racks are fitted if required, 4d per foot extra.

N B.—The gallery flats may be from 21 in. to 31 in. in width—if the latter, space allows teacher to pass between desks steps, 6 in high. Arrangement A is recommended for duals, B for long lengths. No. 112 and 113 are suitable for either arrangement A or B, and are recommended as the latest improved form of these Patent Desks. No 100, as shown, is suitable for galleries already fitted with seats.

No. 112 (Patented.)



No **38A** Museum Cupboard 4 ft × 7 ft
... Pitch Pine, £...

Estimates, Catalogues, Sketches,
AND
Further Particulars,
or Representatives call on
Application.

No. 112 ...

Estimates for Revolving and Sliding Partitions, Plain Oak Flooring, and Oak Panelled Framing for Dadoes, &c.

The Educational Supply Association, Limited,

ACTUALLY MANUFACTURE

CHURCH & SCHOOL FURNITURE

AT THEIR

STEAM FACTORY, STEVENAGE.

ILLUSTRATED CATALOGUE, Estimates and Drawings, sent Free on Application to the

EDUCATIONAL SUPPLY ASSOCIATION, 42a, Holborn Viaduct, London.

[illegible]

D. MACANDREW & CO.,

Steam Joinery & Building Works,

ABERDEEN.

MANUFACTURERS OF

School Furniture and School Fittings.

The "M" pattern Desks here illustrated can be supplied in four different sizes, and to suit either level floor, stepped galleries, or sloping platforms, and in lengths to suit two or three pupils.

SAMPLE DESK SENT ON APPROVAL. ESTIMATES GIVEN.

Telegraphic Address "MACANDREWS, BUILDERS, ABERDEEN."

ESTIMATES AND DRAWINGS FREE ON APPLICATION

PATENT REVOLVING

SHUTTERS & DIVISIONS

BLINDS OF EVERY DESCRIPTION.

Self-Sustaining Lifts —Improved Power Hoists.

"PATENT SLIDING PARTITIONS."

WILLIAM MALLINSON,

BLAKE ST., STRETFORD RD., MANCHESTER.

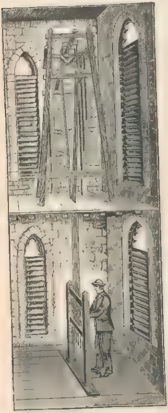
Architects would oblige by mentioning the source of their information when communicating with the Firms represented in "The Compendium."

13 Medals Awarded.

HARRINGTON'S

PATENT

TUBULAR BELLS



FOR CHURCHES,

AND FOR

All Buildings where Bells are Required.

TUBULAR BELLS ARE BETTER

AND

CHEAPER than the OLD FORM OF BELL.

Prices of Peals of 8 Bells from £85 to £250, according to Sizes.

SINGLE BELLS FROM £10 UPWARDS.

FOR TESTIMONIALS & PROSPECTUS

APPLY TO—

HARRINGTON, LATHAM, and Co.,

THE BUTTS, COVENTRY.

HODKINSON & CO., LIMITED,

Late HODKINSON & CLARKE, CANADA WORKS,
HERBERT ROAD, SMALL HEATH, **BIRMINGHAM.**

HAND WAREHOUSE AND SINGLE DINNER LIFTS.

No.	Well Holes.	Cage.	Height.	Weight Raised.	Price. £ s. d.
1	3' 6" × [illegible] 7"	3' 0" × 2' 4"	30 ft.	3 cwt	26 10 0
2	4' 0" × 3' 4"	3' 6" × 3' 2"	35 ft.	[illegible] cwt	33 0 0
1	1' 11" × 1' 9"	1' 4" × 1' 6"	25 ft.	28 lbs.	9 9 0
2	2' 3" × 2' 0"	1' 8" × 1' 9"	25 ft.	28 lbs.	11 11 0
3	2' 7" × 2' 0"	2' 0" × 1' 9"	25 ft.	56 lbs.	12 12 0
4	3' 6" × 2' 6"	2' 6" × 2' 3"	25 ft.	112 lbs.	16 16 0

With Uprights, Geared Hauling and Cage Wheels and Ropes, Hand Break and Cage and Balance Weight capable of exact adjustment.

Fixing and Casings for Lifts as per Estimate extra

REVOLVING SHUTTERS FOR SHOP FRONTS.

Prices SELF COILING, Wood from 1/10. Corrugated Steel from 2/6, with Springs & Boxes. " " [illegible] near Steel Lath Shutter, from 4 [illegible] with Gearing 4/6 per foot super.

REVOLVING SHUTTER PARTITIONS.

FOR THE DIVISION OF SCHOOLS, COLLEGES, &c.

As Fitted by us to the Birmingham, Brighton, Portsmouth and other School Boards.

RETAINS all the advantages of the LARGE ROOM for Meetings, Examinations, &c., and can be cleared away in three minutes leaving unobstructed space.

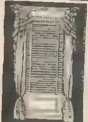
Price from 2 9 [illegible] square [illegible], fr. [illegible] Corner Door Movable Pilasters and Fasteners.

SLIDING SCREEN SCHOOL DIVISIONS.

With [illegible] Centre Poles and Glazed Upper Panels from 5 6 per ft. super. Panelled Swivelling and Sliding School Divisions, 3/- per ft. super.

AND SPECIALISTS IN SCHOOL FURNITURE.

— Architects' Enquiries and Specifications Solicited —



INSIDE METALLIC BLIND

"THE WINDOW BLIND OF THE PERIOD,"

OR

PATENT METALLIC VENETIAN.

LIGHT, DURABLE, ELEGANT.

Does not occupy half the space of a Wood Blind. Is Fireproof.

Beautifully enamelled, and will not chip or blister. When dirty can be restored equal to new by washing in soap and water.

The edges of the laths and cord holes are folded over so that the tapes and cords can not be cut.

Metallic Venetian Blinds, from 9d. per sq. ft., Wood Venetian Blinds, from 8d. per [illegible] ft. Climax Actions, 2/3 and 2/7 each. Blinds under 14 ft. charged as 14 ft.

OLD BLINDS REPAINTED, ETC.

WIRE BLINDS

in Mahogany Frames, French Polished, from 2/- per sq. ft. Gold lines and corners 2/6 per ft. Wood or Brass Sweep Rails, 8d. per ft. extra.

HELIO-SCENE.

OUTSIDE SUNBLINDS.

Spanish Blinds in Wood Cases	.. ..	from 2 6 per sq. ft.
Florentine " "	.. ..	" 2 3
Helio-Scene " "	.. ..	2 6
Outside Venetian Blinds in Wood Cases	.. ..	1 8

Blinds under 20 ft. [illegible] as 20 ft.

OLD BLINDS Re-covered with New Ticks.

SPRING ROLLER SHOP BLINDS.

Covered with All Linen Blind Ticks, and with Arms and Slides, to be fixed in Cornice, from 15/- per ft. lineal.

Ditto with Box on top of Cornice, 18/- per ft. lineal.

Estimates Free. Complete Price List on Application.

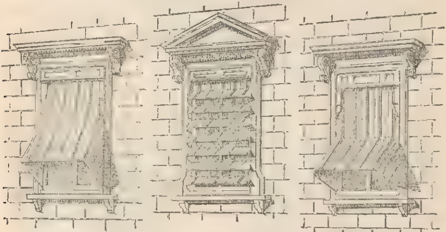
R. LOWTHER & Co.,

SPRING ROLLER & WINDOW BLIND MAKERS,

40, South Lambeth Road, Vauxhall, S.W.

ORIGINAL MAKERS AND PATENTEES OF

REGISTERED THE "HELIOSCENE." *TRADE MARK.*



FLORENTINE. HELIO-SCENE. SPANISH.

Price List.

OUTSIDE BLINDS.

	Per foot super
'Oriental" (for Circular Headed Windows) ..	2/10 to 3/0
Spanish"	2/6 ,, 2/8
'Helioscene"	2/6 ,, 2/8
Florentine"	2/3 ,, 2/5
'Outside Venetians"	2/-
Jalousies, or Shutter Blinds (hinged)	3/-
,, ,, (sliding)	4/-

All Outside Blinds under 20ft sup charged as 20ft. sup

INSIDE BLINDS.

	Per foot super
Hollands	from 5d.
Venetians	,, 9d.

All Blinds under 16ft. sup charged as 16ft sup

Wire Blinds . 2/- to 3/6.

Monograms and Armorial Bearings to Estimate.

Wires under 5ft sup charged as 5ft. sup.

SHOP BLINDS, EMBROIDERED BLINDS, &c., ESTIMATED FOR.

FULL PRICE LIST ON APPLICATION TO ABOVE.

The "HELIOSCENE" is the only Outside Blind combining free view with perfect shade and ventilation.

ARCHITECTS' DESIGNS CAREFULLY CARRIED OUT.

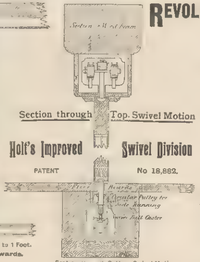
ESTABLISHED 1872.]

WM. F. S. HOLT,

Manufacturer of Lifts, Hoists, Fireproof Theatrical Curtains.

Telegrams—
Telephone No. 1305.

Front View of Door. Scale ½ inch to 1 Foot.
Price from 2/6 per foot upwards.



Section through Top Swivel Motion

Holt's Improved Swivel Division

PATENT No 18,882.

Section through Bottom Swivel Motion. Scale ½ Full Size

REVOLVING SHUTTERS

IN

WOOD, IRON, or STEEL.

ORNAMENTAL IRON WINDOW GUARDS.

Swivel and Sliding School Divisions,
From 2/6 per foot

WOOD BLOCK FLOORING

Self-Acting Spring Sun Blinds.
From 6/6 per foot

Inside and Outside Venetian Blinds,
From 4½d. per foot

Wire, Holland, and Art Blinds.

On the latest and most improved principles.

Repairs in all Branches.
ESTIMATES AND DESIGNS FREE.

WORKS AND OFFICES,

UPPER CROFT WORKS,

Bowling Back Lane,

BRADFORD.

Acknowledged to be the simplest and best Swivel Division in the Market, and will work singly on either top or bottom motion when hinged together in two or more pieces.

JANES & SON, BLIND MANUFACTURERS,

101, Aldersgate St., City, & 4, Panton St., Haymarket, S.W.

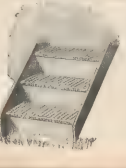
**Lace and Insertion Blinds. Spring Rollers.
Venetian and Patent Appliances.
Festoons and Window Draperies. Pineoleum Balcony Blinds.
Outside { Helio-Scene, Oriental, Spanish, Florentine, Shutter, Venetian, Awning & Conservatory Blinds.**

WIRE BLINDS.

Heraldry and Writing. Japanese, Stained Glass, Cane, Fern and Dwarf Blinds.

THREE ROYAL LETTERS PATENT.

THIS ILLUSTRATION SHOWS AN IMPROVEMENT IN OUTSIDE BLINDS FOR SHOPS



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Castle Hill Works, NORWICH.

THE "PERFECT" STAIR TREAD.

Suitable for All Purposes, both Indoors and Outdoors.

THE MOST RELIABLE, DURABLE, NON-SLIPPING AND NOISELESS TREAD,

and the only Tread that cannot be destroyed Wilfully or by Wear.

Patented in England, France, Germany, Austria, Belgium, U. S. America, etc.

Width.	1½ in.	3 in.	4½ in.	6 in.	7½ in.	9 in.
Price per Foot Run.	-/8	1/-	1/4	1/10	2/3	2/9

Iron Nozing from 3d. per Foot Run. Polished Brass Nozing from 9d. per foot

MARSH, JONES, & CRIBB,

LEEDS.

CABINET MANUFACTURERS,
UPHOLSTERERS,
DECORATORS.
BILLIARD TABLE BUILDERS,
PATENT CUSHIONS.
FINEST QUALITY MADE.

PATENT WOOD BLOCK FLOORING.

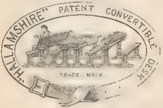
Manufacturers of

FIBROUS PLASTER FOR CEILINGS, WALLS, &c.

Scagliola for Columns, Walls, &c.

WM. & THOS. MAY,

TRIUMPH WORKS, SHEFFIELD.



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MANUFACTURERS OF ALL KINDS OF

SPECIAL SILVER MEDAL, DUBLIN EXHIBITION, 1882.

Desks and Furniture for Schools.

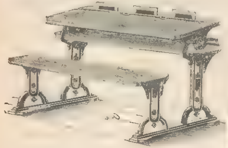
CHURCHES, COLLEGES, LECTURE HALLS, UNIONS, OFFICES, &c.

[illegible] Schools, Denominational Schools, Public Institutions, [illegible] Halls, [illegible], &c., have been [illegible] Kingdom; as well as many Export Orders executed.

Priced Catalogues and Lists showing 200 different designs of Desks, Furniture, &c., Free on application.

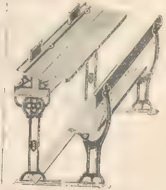
SPECIALITIES: "PATENT" AND "REGISTERED" DESKS, CONVERTIBLE AND NON CONVERTIBLE, IN ANY LENGTH AND HEIGHTS

Single and Dual Desks of all Kinds.



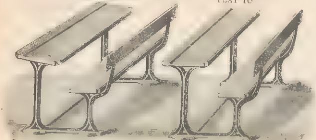
"IMPROVED HALLAMSHIRE" Convertible Desk (Patent).

Makes a Sloping Desk, Flat Table, and Backed Seat. Locks securely in any position.



"HYGIENIC" DESK.

With Hinged Folding Top and [illegible] Seat.



[illegible] TOP   FLAT TOP

"THE PERFECT" INFANTS' DESK.

Made with Sloping or Flat Tops, and in three graduated heights, viz., 18[illegible] and 2[illegible] [illegible] Special[illegible] designed [illegible] ments [illegible] H.M.S. Inspectors. Marked for Kindergarten purposes (if desired) by pencilling, painting or grooving in the wood. Light, durable, elegant, and cheap. May be had with or without Back-rail, Foot-rail, or Ink well Holes, and in any lengths. Price, 6 ft. to 7 ft. [illegible] per [illegible] 7 ft. and over, 3/ per [illegible] Reductions: if Unvarnished, 2d. per ft. less; if without back rail, 3d. per ft.; if without foot rail 2d. per foot less.

MEARS & STAINBANK.

267, WHITECHAPEL ROAD, LONDON, E.

FOUNDRY ESTABLISHED THREE CENTURIES

CHURCH BELLS Supplied and Erected Complete.

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SPECIFICATIONS & ESTIMATES FOR RESTORING ANCIENT PEALS, FRAMES, & FITTINGS.

BELLS, AND GONGS OF ALL SIZES FOR CHAPELS, SCHOOLS, &c.

Sleigh Bells and Musical Hand Bells in Sets.

FRANCIS J. MUDFORD, M.I.E.E., M. Phys. S.

Jackson Road Electrical ARROW Works, Holloway, London.

PATRONS:—H. M. Office of Works, H. M. Post Office, Royal Institution, City and Guild Institutes, Railway Companies, Hospitals, Churches.

ELECTRIC BELLS, BURGLAR, FIRE, AND FROST ALARMS.

LIGHTNING CONDUCTORS, "Conference" Pattern, Electrically continuous from Point to Earth.

TELEPHONES, SPEAKING-TUBES, MEDICO-ELECTRIC APPLIANCES, PHYSICAL AND EXPERIMENTAL APPARATUS.

ELECTRIC LIGHTING (Silver Medal, 1881).

TESTIMONIALS

LORD KELVIN (then Sir Wm. Thomson), August 12th, 1883, writes:—"I think you have made a decided improvement on my Astatic Mirror Galvanometer."

S. A. VARLEY, Esq. (the Inventor of the Dynamo), November 26th, 18[illegible] [illegible] Mr. Mudford in 1884, his firm has constructed, to my satisfaction, [illegible] apparatus [illegible] to a very considerable amount, and from time to time I have recommended his firm to my friends."

FORD & SONS (Old Brewery, Tiverton), March 9th, 1881:—"The Electric Bell you put up in March, 1878, has worked to our entire satisfaction."

WINDOW BLINDS FOR INSIDE AND OUTSIDE

OF EVERY DESCRIPTION.

JOHN SOPER.

ROLLER BLINDS, In STRIPED or PRINTED HOLLANDS, from 5d per square foot. SPRING ROLLER do from 7d. per square foot. VENETIAN BLINDS (of thoroughly seasoned Pine) from 7d per square foot. FESTOON BLINDS in Cotton, from 1s 2d; in Silk 2s 3d per sq. ft.

OUTSIDE BLINDS from 1s 2d per square foot. ITALIAN do. from 1s 6d per square foot. FLORENTINE do from 1s 10d per square foot. SPANISH do from 2s 4d per square foot.

SPECIALITIES IN INSIDE AND OUTSIDE BLINDS

Patterns, Designs, and Estimates Free

Patentee and Manufacturer of the LEVER ACTION PULLEY FOR VENETIAN BLINDS

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Telegraphic Address — "SCHOLASTIC DARLINGTON"

THE NORTH OF ENGLAND SCHOOL FURNISHING COMPANY, Ltd.,

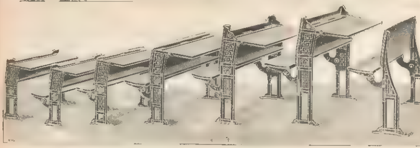
Manufacture Furniture and Apparatus for

SCHOOLS, CHURCHES, SCIENCE & ART CLASSES, LABORATORIES, LIBRARIES, TECHNICAL INSTITUTES, MISSION ROOMS, ETC.

THE DARLINGTON SLATEBOARDS.

TRADE MARK

THE DARLINGTON SLATEBOARDS are superior to any ever offered. They do not glaze, are light, strong, durable; indeed, they actually improve with use, as certified by testimonials from all parts of the country, some of them having been in use twenty years and in as good a condition as ever.



THE SCHOOL BOARD GALLERY DESK.

(Made in Five Graduated Heights).

Dual lengths, in Pitch Pine, or Oak, varnished. Infants' size, 15/3; Senior Scholars' size, 19/6.

Desk Top and Seats fold up, the former when folded making a Reading Desk

Illustrated Catalogue and Estimates free on Application to the

NORTH OF ENGLAND SCHOOL FURNISHING CO., DARLINGTON.

34, Fawcett St., Sunderland; 25, Grainger St. West, Newcastle-on-Tyne; 59, Linthorpe Rd., Middlesbrough; and

121, NEWGATE STREET, LONDON, E.C.

Telegraphic Address "SCHOLASTIC, DARLINGTON."

THE NORTH OF ENGLAND

SCHOOL FURNISHING COMPANY, LTD.,

MANUFACTURE FURNITURE AND APPARATUS FOR

SCHOOLS, CHURCHES, SCIENCE & ART CLASSES, LABORATORIES, LIBRARIES, TECHNICAL INSTITUTES, MISSION ROOMS, ETC.

SMALL CHEMICAL LECTURER'S TABLE.

The Company have had considerable experience in the Manufacture and Design of Apparatus for Laboratories, and where new Furnishings are contemplated will be pleased to submit a scheme of arrangement on receipt of particulars as to number of Students and character of experiments, accompanied by a dimensioned Plan of Rooms.

Catalogue, 300 Illustrations, and Estimates free on Application to

The NORTH of ENGLAND SCHOOL FURNISHING Co., DARLINGTON

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121, NEWGATE STREET, LONDON, E.C.

Telegraphic Address: "PARTITIONS, MANCHESTER."

BY HER MAJESTY'S ROYAL LETTERS PATENT.

[illegible]

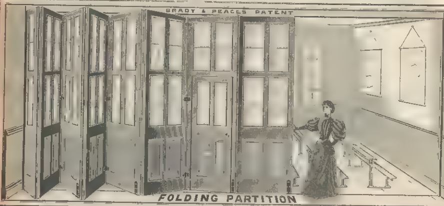
PEACE & NORQUOY, PORT STREET, MANCHESTER,

SOLE MANUFACTURERS OF THE

Patent Folding Partitions

FOR SCHOOLS, PUBLIC BUILDINGS, &c.

The First and only Medal ever Awarded for Folding Partitions.



THIS IMPORTANT INVENTION supersedes all other methods for Dividing and Subdividing Rooms. [illegible] Partition by means of [illegible] framing from [illegible] with wood or glass panels, fixed complete from 2s. 3d. to 2s. 9d. per superficial foot, according to [illegible] required, and distance from Manchester. Architects, when specifying our Partition, should write for instructions and estimate so as to insert amount in quantities.

THE ONLY PREPARATION NECESSARY IS A WOOD BEAM IN THE CEILING TO ATTACH OUR GEARING TO.

The following is a list of some of the Places where our Improved Folding Partitions have been fixed —

[illegible] (North Wales) New Hydropathic.
Bangor (North Wales) University College.
[illegible] National Schools.
[illegible]
[illegible] Board Schools.
[illegible] National School.
[illegible]
[illegible]
[illegible] National [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] New [illegible]
[illegible]
[illegible] National School.
[illegible] Schools.
[illegible] National School.
[illegible] Chapel, Saltersford Hall.
Bath. Technical School.
Bolton: Chadwick Orphanage.

For the [illegible] School Board —
London [illegible]
For the [illegible] School Board —
London. Croyland Road School.
" Brettenham Road School.
For the Metropolitan Asylum Board —
London. South Western Hospital, Stockwell.
Western [illegible]
and at the following [illegible], London —
London [illegible]
[illegible]
[illegible]
[illegible] School, Harrow.
[illegible] Street Ward Schools.
" [illegible]
" St. John's School, Islington.
" Owen's School, Islington.
" Convent St. Vincent de Paul.
" St. John's School, Walham Green.
" St. Joseph's Convent [illegible]
[illegible]

[illegible] Market Street School.
[illegible]
[illegible] School.
Oxfordshire. Holwell School, Shipton.
Essex. Elsenham School.
Dartford. Darenth Board School.
Long Melford. National School.
[illegible] Wales). National School.
[illegible] Wesleyan School.
[illegible] Street.
[illegible]
[illegible]
[illegible]
[illegible]
" Soldiers and Sailors' Home, Edinburgh.
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[illegible]
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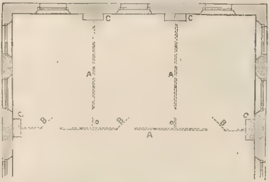

The dotted lines A.A.A. show the Partitions in position, with Doors B B.B. formed in same, giving access to each Class Room C.C C.C. shows Part tions folded back against the wall when not in use

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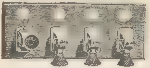

These Patent Fittings almost hermetically seal the Speaking Tube when out of use, thus preventing any accumulation or condensation in the tubes, [illegible] and renders the tube [illegible] [illegible] ... lifted to the mouth for speaking through when [illegible] you allow the mouthpiece to fall down, which [illegible] to action the whistle and indicator

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Screwed [illegible]in. Iron with [illegible] ft. [illegible]in. Flexible Braided Tubing with either Cocus or Ebony Mouthpiece and Whistle	9	3
[illegible] with Ivory Mouthpiece and Whistle	14	3
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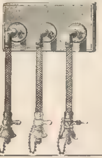

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[illegible]		8	6

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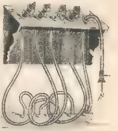

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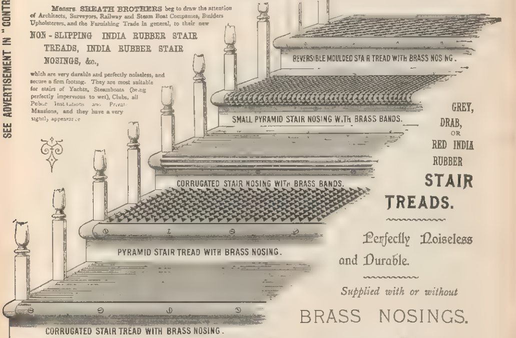

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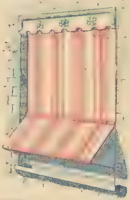

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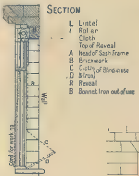

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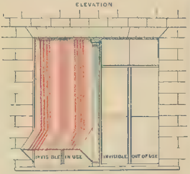

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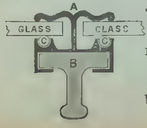

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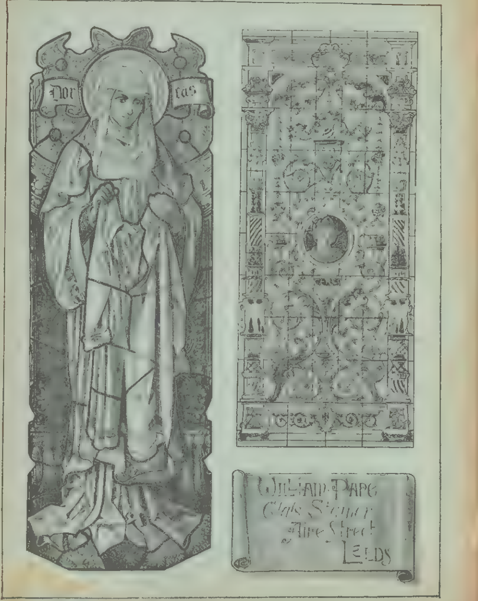
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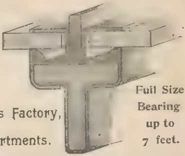

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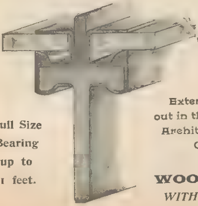

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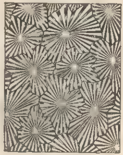

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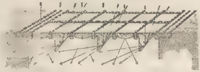

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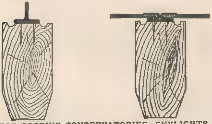
SIR BACHE CUNARD, BART. SIR HENRY BESSEMER. GOVERNMENT BOTANICAL GARDENS, MADRAS.

OVER 2,500,000 SUPERFICIAL FEET IN USE ON 3,500 STRUCTURES.



FOR ROOFING CONSERVATORIES, SKYLIGHTS, Etc.—Showing Sash-bars with Grooves to Carry down the Moisture from Condensation.

TRADE SIMPLEX LEAD GLAZING MARK.

SECTION OF PATENT STRIP.

For 21 oz. Glass.

(Full size.)

NO SPECIAL CONTRACT REQUIRED FOR ITS ADOPTION.

The simplest and most economical system for **Roof and Vertical Work** in **Conservatories**, Vineries, Hot-Houses, Garden Frames **Workshops**, Manufactories, Mills, Weaving Sheds, Laundries, Swimming Baths, Stables, Agricultural Buildings, **Temporary Huts**, &c., and for **Skylights anywhere.**

This System claims to afford the following advantages:—

1. It effects a saving of 90 per cent. of the usual maintenance and repairs outside, **as nothing but glass and lead is exposed to the atmosphere.**
2. Repairs of accidental breakages can be readily effected, as there are **no fastenings or screws to remove at any time.**
3. No putty is used, and no breakages arise from changes of temperature or vibration from any cause.
4. The work is **Air-tight** (so necessary for forcing and fumigating purposes), Water-tight, Wind-tight, and indestructible.
5. **There is no noise due to vibration from gales of wind.**
6. It is equally **applicable to Sloping Roofs and Vertical Walls** or "Siding."
7. **The lead strips**, which are the special feature of this System, **can be fitted by any local firm or workmen.** They are fastened to the woodwork with ¾ inch copper nails, the angles of the Strips are payed with thick white lead paint before being dressed down on the glass, which is effected with a small wooden glazing tool (supplied with the strips).

As a general rule 21 oz. glass, 15 in. wide, is recommended for Horticultural Work; for Skylights, ¼ in. rough rolled plate.

OUR PRESENT TRADE PRICES FOR THE LEAD STRIPS ARE:—

3d. per ft. run (subject), if for 21 oz. Sheet Glass. 4d. per ft. run (subject), if for ¼ inch Plate Glass (OTHER SIZES IN PROPORTION).

DELIVERED AT LONDON STATION. • CARRIAGE FORWARD.

Cases are charged in Invoice at Cost Price. Two-thirds of such charge will be allowed or refunded on Empties duly received carriage paid.

Special Quotations for Quantities of 1,000 feet and upwards, to Specifications.

WHEN ORDERING PLEASE STATE—

1. **The LENGTHS of Strips required** (These are supplied up to 17 feet 6 inches if **necessary**).
2. **The NUMBER of Strips to each length.**
3. **The THICKNESS of Glass proposed to be used.**

N.B.—A wooden tool for dressing down the lead is always sent with the Strips free of charge; and, unless countermanded, Wrought Copper Nails, for fastening the Strips, will be supplied. PRINTED INSTRUCTIONS are also sent, which should be carefully read, as they contain some hints which it is advisable to know, and act upon.

SOLE MANUFACTURERS OF THE PATENTED LEAD STRIPS. ANY QUANTITY SUPPLIED.

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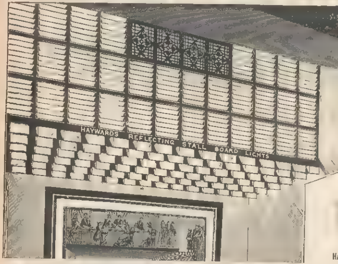
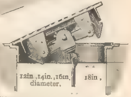
PAVEMENT & STALL BOARD LIGHTS

For Lighting Basements, Cellars, and Underground Apartments,

Are the BEST for directing daylight into Basements, and at the same time giving a good vertical and distributing light



View from below of HAYWARD'S Semi-Prism Pavement and Reflecting Stall Board Lights.



HAYWARD'S PATENT SAFETY COAL PLATES.
SELF-LOCKING AND SELF-FASTENING.
Used by all Local Boards and Vestries.

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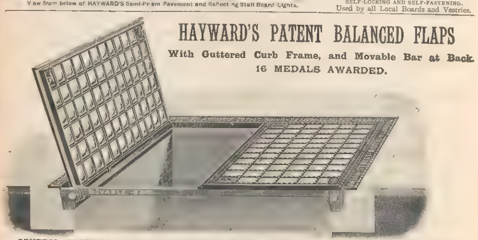
With Guttered Curb Frame, and Movable Bar at Back.
16 MEDALS AWARDED.



GENERAL CASTINGS AND FOUNDRY WORK OF EVERY DESCRIPTION ON SHORTEST NOTICE.
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THE

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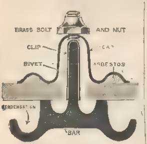
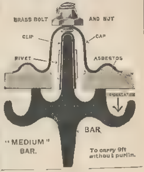
NO PUTTY. NO PAINT. GUARANTEED ABSOLUTELY WATERTIGHT. IMPERISHABLE.



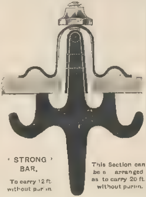
"ORDINARY" BAR
To carry 6 ft. 6 in. without purlin

PATENT
IMPROVED
GLAZING
BARS.
STEEL BARS
WITH EITHER
COPPER, ZINC or LEAD
CAPS.



"MEDIUM" BAR.
To carry 9ft without purlin.

ADMIRABLY ADAPTED FOR
ROOF LIGHTS
ON
MARKET HALLS,
BATHS,
WEAVING SHEDS.
ALSO FOR
HORTICULTURAL WORKS
of every description.



"STRONG" BAR.
To carry 12 ft. without purlin.

This Section can be so arranged as to carry 20 ft. without purlin.

Extensively used by the
Principal
Railway Companies,
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H.M. GOVERNMENT,
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DUBLIN: 36, George's Quay.

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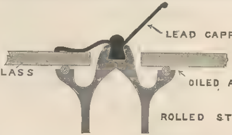
SHELLEY & Co.'s PATENT, with ZINC or COPPER CASED BARS, also

HOPE'S New PATENT, with STEEL BARS & LEAD CAPS, absolutely Watertight & Imperishable.

Drawings and Estimates Free.



Full size Section of Bar, Watertight and Dust-tight.

Iron Framed Roofs Constructed Complete. *A Speciality.*

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Memorial Windows, Heraldic, and Staircase Windows.

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Pavement, Stall Board, and Floor Lights.

Opening Flaps.

Lely's Special Roadway Lights

Running Lights, Etc.

Showing an underground Show Room entirely lighted by LELY'S Pavement and Stall Board Lights.

Deep Prism, Semi-Prism, Multi Semi-Prism, Cross Prism, Lights.

Lely's Special Non - Slippery Lights.

THE BEST THAT ARE MADE.

EXTRACT FROM A CITY ARCHITECT'S LETTER:—

"The Pavement Lights give entire satisfaction, they are in proportion to their size the most effective for lighting a basement floor I have yet seen."

CONVEX LENS.

ILLUMINATING COAL PLATES.

GLASS AND TILE LIGHTS.

LELY'S
SEMI-PRISM LIGHTS.
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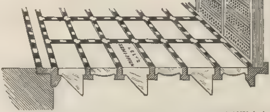

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As supplied to over THIRTY BRANCHES of THE LONDON & SOUTH WESTERN BANK, including their Head Offices.

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SPECIALITY—**Fully Matured and Tried Varnishes for Inside and Outside Work.**

Speciality—**ANTI-DAMP, a Cure for Damp, Naked Walls, 3s. 6d. per Gallon.**

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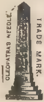

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FAR SUPERIOR IN APPEARANCE AND DURABILITY TO ORDINARY PAINTS.

Ready Mixed, any Colour or Tint for Inside or Outside. Has stood years of Wear in Hospitals, Public Buildings, Private Residences, Conservatories, Stables, Steamers, &c.

BROWNING'S COLOURLESS PRESERVATIVE SOLUTION

PREVENTS DECAY, RENDERS STONE, MARBLE, BRICK, CEMENT, PLASTER, &c., WEATHER-PROOF, AND

IS A PERMANENT CURE FOR DAMP WALLS.

CLEOPATRA'S NEEDLE PRESERVED BY THIS SOLUTION. AS SUPPLIED TO H. M. THE QUEEN.

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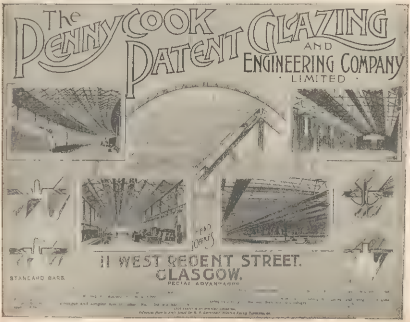
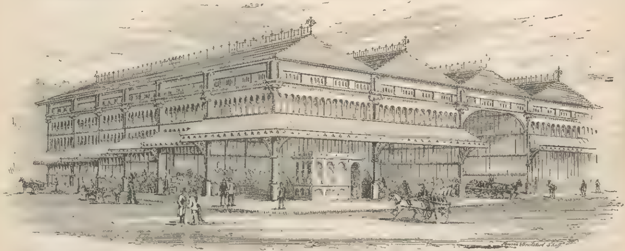
THE PAINTS AND THE SOLUTION SECURED THE HIGHEST AWARDS AT EACH OF THE EXHIBITIONS—FISHERIES, HEALTH, AND INVENTIONS, IN 1883, 1884, AND 1885.



By Her Majesty's Royal Letters Patent.

MELLOWES & CO.'S PATENT "ECLIPSE" ROOF GLAZING.

Works: SHEFFIELD. LONDON: 28, Victoria Street, Westminster.



"**ECLIPSE GLAZING**" has been in extensive use since 1881 for MARKETS, RAILWAY STATIONS, VERANDAHS, WINTER GARDENS, ARCADES, MILLS, WORKS, CONSERVATORIES, BATHS, ART GALLERIES, &c.

PRIZE MEDALS since 1882, wherever exhibited.

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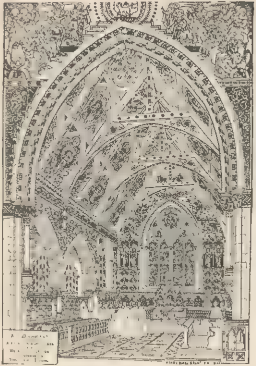
Also from SEVERAL LARGE CORPORATIONS FOR MARKETS, &c.

Drawings and Details on Application.

ILLUSTRATED CATALOGUE SENT, POST FREE, ON APPLICATION.



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Memorial Windows. | **Mural Decorations.**
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Carisbrooke Church, Isle of Wight
St. Botolph's Church, Bishopsgate

Clifton Church, Worcester
Baildon Church, [illegible]
St. Mary's Hospital, Paddington
St. Augustine's Church, Wisbech
St. John's Church, Savannah, Ga., U.S.A.
St. Peter's Church, Bedford
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Tanworth Church, Hockley Heath, &c.

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The Royal Forest Hotel, Chingford, Essex
The Great Eastern Railway Hotel, London
The First Avenue Hotel, London
The Alexandra Hotel, Hyde Park, W.
Long's Hotel, New Bond Street, W.
The Grand Hotel, Eastbourne
The Granville Hotel, Ramsgate

The Holborn Restaurant, London
St. James' Hall Restaurant, Piccadilly, W.
The Grand Pump Room, [illegible]
Messrs. Pinckney's Bank, [illegible]
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Designs and Estimates submitted for Memorial and other Windows Free of Charge.

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The Glass Stainers Company,

118, West Regent Street, Glasgow.

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Mural Decoration, Memorial-Brasses, Hand-painted Tiles, &c.

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Offices & Works: **Rabone Lane, SMETHWICK, Near Birmingham.** Telegraphic Address: "Paragon Glazing, Smethwick."

NO PAINT! NO WOOD! NO PUTTY! Perfectly Watertight.

Broken Glass can be replaced by any inexperienced persons when Glazed on our Patent System

Contractors in Zinc, Lead, or Copper for all kinds of Horticultural and Roof Glazing.

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COLCHESTER.

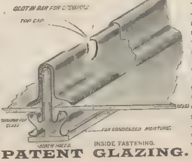
"I have great pleasure in expressing my entire satisfaction of your [illegible] executed for me at the [illegible] chester; [illegible] orders for [illegible]

[illegible]

"We have [illegible]

MOOR STREET PRINTING WORKS,
BIRMINGHAM
Nov. 12th, 1895.

"WHITE [illegible] testifying [illegible] result of the Paragon [illegible] work at their [illegible] recommend [illegible]
"(Signed)
"FRED IMPEY, *Managing Director.*"



INSIDE FASTENING.

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BY our system of Patent Glazing the trouble and expense involved in the periodical [illegible] renewing of ordinary glass roofs is done away with, and while several [illegible] have been invented to obviate these [illegible] the glazing contractors. In [illegible] advantages other systems of patent glazing possess for durability, neatness of appearance, and [illegible] security against leakage, with several new and important features to which we especially draw your attention.

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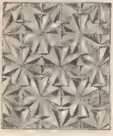
Ornamental Cathedral Glass. Ornamental Cathedral Glass.

"KALEIDOSCOPE."
(Registered No. 191254.)



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ROUGH CAST,
CATHEDRAL GLASS (WHITE AND TINTED),
IN
Plain and a Variety of Fancy Patterns.

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Obscured,	Brilliant Cut,
Enamelled,	Leaded Lights,
Coloured,	Bent Glass,
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Mechanical Embossed Ordinary Patterns	Shades,
Mechanical Embossed Screens,	Miscellaneous Articles for Horticultural and Dairy Purposes,
Mechanical Embossed Panels,	Well Glasses for Railway and Street Lamps,
Mechanical Embossed Borders,	Glass Cells for Electrical Purposes,
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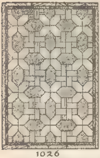

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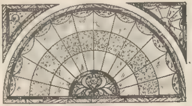

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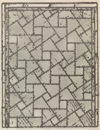

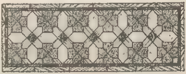

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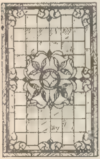

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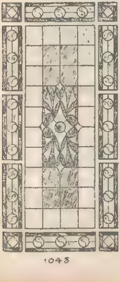

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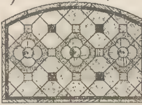

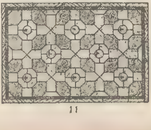

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"INVINCIBLE" GLAZING,

USED BY

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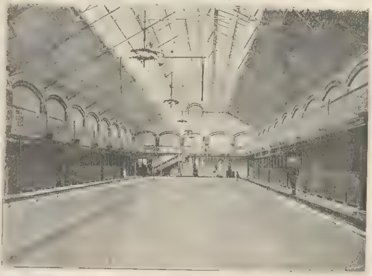

(INTERIOR VIEW.)

GLAZED ON RENDLE'S "INVINCIBLE" SYSTEM.

TESTIMONIAL from BOROUGH ENGINEER, BRIGHTON.

BOROUGH OF BRIGHTON ENGINEER'S & SURVEYOR'S OFFICE,
TOWN HALL, BRIGHTON, *October 9th, 1895.*

Gentlemen,- I have much pleasure in stating that you have done a considerable amount of work for me at the Corporation Electricity Station, and at the new Swimming Bath, North Road, which has given me every satisfaction I consider your System of Glazing to be the best in vogue at the present time

Yours truly, (Signed) FRANCIS J. C MAY,
Borough Engineer and Surveyor

Messrs. W. E. RENDLE & Co.

CONSERVATORIES and ALL KINDS OF HORTICULTURAL BUILDINGS

Designed and carried out on Latest Principles.

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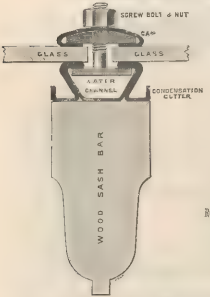
Telegraphic Address—
"GLAZING. LONDON."

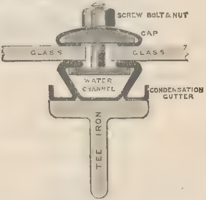
RENDLE'S
"INVINCIBLE" GLAZING,

Used on

MOST OF THE IMPORTANT BUILDINGS IN THE UNITED KINGDOM AND ABROAD,

AND SPECIFIED GENERALLY WHERE FIRST CLASS WORK IS REQUIRED.





ROOFS RECENTLY GLAZED ON RENDLE'S INVINCIBLE SYSTEM :

LIVERPOOL STREET STATION, G.E.R.,
MOORGATE STREET STATION, M.R.,
KINGSBRIDGE TERMINUS, DUBLIN,
THE NATIONAL PORTRAIT GALLERY.

And numbers of other important Roofs in all parts of the Country have recently been Glazed on this System.

BARS AND CAPS OF COPPER OR ZINC, WITH OR WITHOUT WOOD OR IRON SUPPORT.

The above illustration explains itself. The central channel is provided to carry off any water that may find its way under the cap, and the side gutters to catch any moisture that may condense on the inside of the glass and convey it to the outside of the roof.

This Business was purchased by FRANK RENDLE from the Trustees of the late William Edgcumbe Rendle, and no other person of the name of Rendle has any connection whatever with this Firm.

THE ORIGINAL FIRM; PLEASE NOTE ADDRESS—

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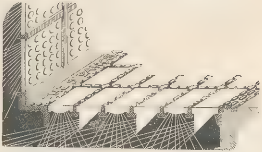
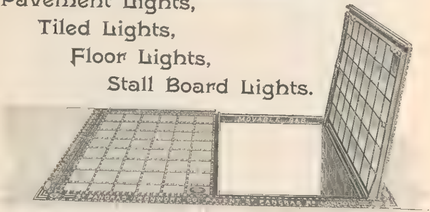
BASEMENT LIGHTING.



Pavement Lights,
Tiled Lights,
Floor Lights,
Stall Board Lights.



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ROLLER LIGHTS, &c.,

PATENT SELF-FASTENING COAL PLATES,

PLAIN, VENTILATING, or GLAZED.

INSPECTION PIT COVERS.

Illustrated Priced Catalogues on Application to

ST. PANCRAS IRON WORK CO., ST. PANCRAS ROAD, LONDON. N.W.

N. C. SZERELMEY & Co.,

Telegraphic Address—"SZERELMEY, LONDON."

SZERELMEY WORKS,

Established 1855

Rotherhithe New Road, London, S.E.

WATERPROOFING MASONRY,

AND

PRESERVING IT FROM DECAY.

The importance of finding a **reliable** material for Waterproofing Masonry is universally appreciated.

No testimony to the efficacy of such a material is complete unless it takes into account **the time during which the effect has continued.**

Authentic Reports, kindly furnished by purchasers of the material they report upon, are offered as evidence that **SZERELMEY STONE LIQUID is reliable**. They nearly all relate to cases *upwards of 15 years old*, some of them are much older. They include representative cases of most kinds of Stone, Brick, Stucco, Cement, Concrete, Plaster, and other Materials which have been cured of **DAMP, DISCOLOURATION, DECAY, CHIPPING, SCALING**, and other evils, by simply treating them with

SZERELMEY STONE LIQUID.

HAS STOOD THE TEST OF TIME.

The following are the headings only of some of these reports. A Pamphlet containing complete copies, with all particulars, may be had free from the address above:—

CASE A.

Freestone Houses near the sea, were wet through from winter rains and required re-papering every year. Treated with **SZERELMEY STONE LIQUID**, they have been **KEPT DRY FOR OVER TWENTY YEARS**, and "continue quite invulnerable to wet."

CASE C.

A Portland stone building in a damp climate has been waterproofed and preserved from discolouration by Szerelmey Stone Liquid for **OVER EIGHTEEN YEARS.**

CASE D.

A Brick House, coated with Portland Cement, was almost uninhabitable from the penetration of rain. By treating it with **SZERELMEY STONE LIQUID**, it has been rendered perfectly **DRY FOR OVER TWENTY YEARS.**

CASE E.

A Brick and Rough Cast House which was chronically damp and unwholesome, has shown no sign of wet since treated with **SZERLEMEY STONE LIQUID** in 1875. **TWENTY-ONE YEARS AGO.**

PRICE, in London. Forty Gallon Casks, **£12** each, *i.e.*, at the rate of **6s.** per Gallon. Five Gallon Drums, **£1 12s. 6d.** each, *i.e.*, at the rate of **6s. 6d.** per Gallon. **Packages Free.**

Each gallon is sufficient on an average to treat twenty-five square yards.

Szerelmey Iron Paint.

THE MOST DURABLE PAINT KNOWN.

NON-POISONOUS. STANDS EXTREMES OF HEAT AND COLD.

A similar series of Reports may be had showing cases where **SZERELMEY IRON PAINT** has lasted on outdoor work for long periods (up to **SEVENTEEN YEARS**). It is made in all colours, and both for indoor and outdoor work. The outdoor paints have been successfully used for forty years.

PRICE:—Paste Ground in Oil, from **24/-** per cwt. Liquid, ready for use, from **5/6** per Gallon.

SZERELMEY PORCELAIN PAINTS.

A series of Indoor Paints of many beautiful tints. They produce a surface like Porcelain, and do not require varnish.

Glass Mosaics Architects' Own Designs Executed

ESTABLISHED 1820.

WILLIAMS & WATSON,

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MANUFACTURERS of

PAINTED GLASS.
STAINED Do.
EMBOSSED Do.
ILLUMINATED GLASS.
CHURCH WINDOWS.
HERALDIC Do.
BLIND-SCREENS, and all kinds of
DOMESTIC LEAD LIGHTS.
CARVED SIGNS (Sunk or Raised).
GLASS, WOOD, AND BRASS LETTERS.
DAYLIGHT REFLECTORS
CIRCULAR GLASS VENTILATORS.

AGENTS for

SEMI-PRISM AND OTHER PAVEMENT LIGHTS. (St Pancras Iron Work Co)
SEMI-PRISM & OTHER FLOOR LIGHTS
COAL PLATES (Illuminated & Self-Fastening)
PATENT DRY GLAZING, for
CONSERVATORIES,
COVERED WAYS,
VERANDAHS, &c.
LOUVRE VENTILATORS
CASEMENTS, WINDOW FRAMES, AND VENTILATORS, in Wrought Iron, Copper, and Gun Metal. (Burt & Potts).

FACTORS in

POLISHED PLATE.
ROUGH AND ROLLED PLATE.
PLAIN AND ORNAMENTAL SHEET.
ENAMELLED (SHEET AND ROLLED).
CROWN GLASS.
CHEQUERED PLATE.
DIAMOND ROLLED.
QUARRY Do.
FLUTED Do.
PATENT FIGURED ROLLED.
DIAPER IN WHITE AND TINTS.

MURANESE	Do.	Do.
LUSTRE	Do.	Do.
OVATE	Do.	Do.
MOROCCO	Do.	Do.
GRAINED	Do.	Do.
TRIMIDICAL	Do.	Do.

ROLLED CATHEDRAL.
CROWN Do.
SHEET Do.
MUFFLED, WHITE AND TINTED.

RIPPLED	Do.	Do
AMBETTED	Do.	Do.

ANTIQUE, IN WHITE AND COLOURS.

GLASS SINKS FOR WINE MERCHANTS AND OTHERS.
WHITELEAD, PAINTS, OILS, VARNISHES, &C.

DESIGNERS FOR ANY DESCRIPTION OF GLAZING.

SPECIAL DESIGNS AND ESTIMATES FREE ON APPLICATION.

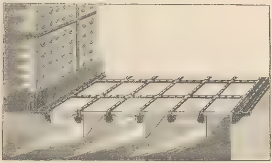
Artists in Stained Glass,

ECCLESIASTICAL AND DOMESTIC.

PAVEMENT LIGHTS.

Semi-Prisms, Convex, Duplex, Rough Plate, Etc.

Illustrated Price Lists on Application.



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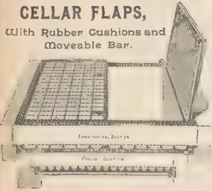
GEORGE WRIGHT & CO.

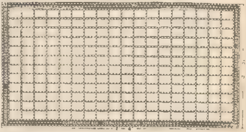
CELLAR FLAPS,

With Rubber Cushions and Moveable Bar.



No. 21 PATTERN PAVEMENT LIGHT.

4 x 2 in. Lenses.



STOCK SIZES AND PRICES ON APPLICATION.

ROLLER LIGHTS, FLOOR LIGHTS, TILED LIGHTS, AND STALLBOARD LIGHTS.

155, QUEEN VICTORIA STREET, LONDON, E.C.

Engineers and Ironfounders.

The Complete Catalogue

Section G.

Hot Water, Warming, Lighting, and Ventilating.

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Barker, F. W.	[illegible]
[illegible] & Co [illegible]	[illegible]
Boyle, R., & Son, Ltd. *Special po[illegible]*	[illegible]
Clarke, J. F., & Sons	[illegible]
Clark, S., & Co.	[illegible]
[illegible]	[illegible]
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Comyn Ching & Co	[illegible]
Constantine, J., & Son	[illegible]
Cooper, H. W., & Co., Ltd	[illegible]
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Crispin, J., & Sons	[illegible]
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NEWTON, CHAMBERS & CO., LTD.,

MANUFACTURERS OF

HOT-WATER PIPES AND CONNECTIONS, SOCKET AND EXPANSION JOINTS, WROUGHT WELDED BOILERS, COILS, CASES, GRATINGS.

"Awarded Silver Gilt Medal for Boilers and Heating Appliances," International Horticultural Exhibition, London, October, 1892.

SADDLE BOILER, WITH TERMINAL END.

PATENT "ACME FINSBURY" BOILER.

Sectional Elevation.

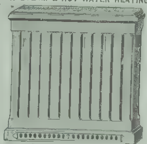
"HARVEY'S PATENT VENTILATING RADIATORS"

FOR STEAM & HOT WATER HEATING.

Uniform Temperature.

Direct Radiation.

Ever Changing Pure Warm Air.



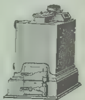
The only Perfect System of Heating and Ventilating at the Same Time

Numerous Designs.

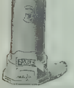
THOUSANDS IN USE GIVING UNIVERSAL SATISFACTION.

PLAIN SADDLE BOILER

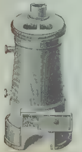
PATENT INDEPENDENT OLYMPIAN BOILER



CYLINDRICAL DOME TOP INDEPENDENT BOILER.



THE STAR BOILER, Straight or Conical.



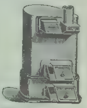
THE "SOLAR" NON-VENTILATING RADIATOR.

(Registered Design),

NEAT, COMPACT, EFFECTIVE, and CHEAP.

Write for Complete Illustrated Catalogue.

THE FINSBURY INDEPENDENT BOILER.



VERTICAL WROT. WELDED BOILER FOR BRICKWORK

Address: THORNCLIFFE IRONWORKS & COLLIERIES Nr. SHEFFIELD.

ASHWELL & NESBIT,

MECHANICAL ENGINEERS & FOUNDERS,

Warming, Ventilating & Hydraulic Engineers.

Works and Head Office: **SYCAMORE LANE, LEICESTER.**

London Office: Removed from 14, JOHN STREET (late W. W. PHIPSON), to 12, GREAT JAMES STREET, BEDFORD ROW, W.C.

Newcastle-on-Tyne Branch: 66, PILGRIM STREET *Nottingham Branch:* St. PETER'S CHURCH WALK.

Telegrams.—"IRON, LEICESTER"; "PLATERACK, LONDON"; "SOLAR, NEWCASTLE-ON-TYNE."
National Telephone:—190, LEICESTER.

Specialties:—

"LEICESTER PLENUM" SYSTEM.

Vacuum System with electrically driven Fans.
Solar Radiators. Ventilating Radiators.
Ventilating Hospital and Ordinary Grates.
Pumping Plants and Fire Services.
Hydraulic Steam and Hand Hoists.
Steam Cooking Apparatus.
Steam Laundries.

ACME VENTILATING AND HEATING CO.'S SPECIALITIES.

Fig 1a.

Fig. 2a

ACME IMPROVED CHIMNEY TOP.

... 35

... 25

In ordering ...

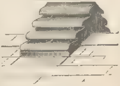


Fig 2—ACME DOUBLE RIDGE EXHAUST VENTILATOR.

... Warehouses, Weaving Sheds, &

Capable of exhausting or ... 2 000 to 40,000 feet air per minute.

Fig 28M

ACME MECHANICAL VENTILATOR.

By Electricity ...

£6 10s ... £8 ... £11
£14 ... £7 ... £20
... £42

Fig R C

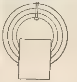
... 60

Figs. 5 & 28 ACME PATENT EXHAUST.

For Air Flues, &c. Storm and Wave proof.

	Cast Iron £ s. d.
...	0 12 6
	1 0 0
	1 15 0
	[illegible]

SPHERICAL VENTILATOR.



Section

	V M Zinc
	£0 7 6
	0 11 6
	0 15 0
	0 17 6
	2 10 0
	4 10 0
	6 10 0
	8 0 0
	12 0 0

See other Designs.

Fig S 12.

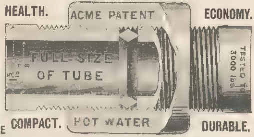
Prices ... Pattern ...

ACME SMALL PIPE HEATING APPARATUS.

POINTS OF
COMPARISON
SHOULD BE
Carefully Considered
WHEN DECIDING
BETWEEN
OTHER SYSTEMS.

25 YEARS' EXPERIENCE

HEALTH.



COMPACT.

ECONOMY.

DURABLE.

READILY FIXED
IN OLD OR NEW
BUILDINGS.
MOST COMPACT.
FREEDOM
FROM DANGER
INSURANCE NOT
AFFECTED.

NUMEROUS REFERENCES AND TESTIMONIALS.

ALSO DRYING ROOMS FOR ALL TRADES, &c. PATENTEES & MANUFACTURERS

ACME VENTILATING & HEATING Co., 35, Tarleton Street, Liverpool.

Telegrams: "KEYWORTH, LIVERPOOL." A B. C. Code used. Telephone No. 1877.

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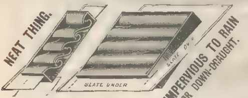


Section. Fig. 1. Elevation.

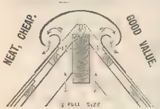
Fig 1. ACME PATENT CONCEALED ROOF (*Exhaust*) VENTILATOR.

For Fixing in Line with Slates below Ridge

Made of Stout Zinc of any required depth, and up to 3 ft. wide, with 6 in. flanges, the extremities of three sides have channels or gutters to carry off any drip that may accumulate under slates; a portion of the bottom flange rests on the outside, the three other flanges under slates. Sent ready for fixing by joiner or slater in opening prepared to receive same. **No Lead or other flashing necessary** (as required with other Ventilators), thus an important item is saved. NOTE in ordering to state size required, show pitch or angle of roof. Fix in pairs, opposite each other, or singly for lean-to roofs.

Large Louvres, with 1 in. opening, 7/- per sq. foot of Louvre area.
Small „ ¾ in. „ 9/- „ „

If in sets under 4 feet area, 2/- per foot extra charged.
Minimum price 20/- per Ventilator, in Copper, 5/- per foot extra.



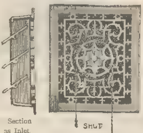
Section.

As fixed, side view.

Fig. 8.—ACME RIDGE CAP EXHAUST VENTILATOR.

In ordering, give pitch of roof, and state if to run [illegible] each other or [illegible] fixed separately and how many closed ends.

For opening 1½ inches wide on each side of ridge.
Price, including fasteners per running foot in 14 Gauge Zinc, 3/6 Copper, 7/-. Minimum price 10/.
Any pattern of Ornamental Cresting extra.
Made in Cast Iron for 6 in. Openings, including Standards, 13/6 foot run.



Section as Inlet.

Fig R.L.—ACME REGULATING LOUVRES.

[illegible] **Inlets** [illegible] **Outlets.**
No Projection. **Various Patterns** and Sizes.
Japanned Black, Highly Finished

Box size—8 in. by 6 in., 6/6; 10 in. by 8 in., 8/6; 12 in. by 10 in., 12/6; 16 in. by 10 in., 16/6.

Section

The arrows show the direction of the [illegible]

Figs 3 & 4. ACME EXHAUST LOUVRE VENTILATION

[illegible] outside or inside position [illegible] flange is to be made at the front or back of frame, [illegible] Doors, Turrets, Belfries, Domes, Dormers, [illegible]

Large Louvres, about 1 in. opening, depth of Frame front to back 2 in., 5/- sq ft.
[illegible]
In Copper, 5/- per [illegible] extra.
Sets less than 1 ft. charged [illegible] or other Special Shapes charged extra.

Fig. 22
TOBIN INLET WALL BRACKET
(Various Pattern

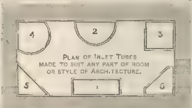


Fig. 23

Figs. 22 & 23. TOBIN'S IMPROVED FRESH AIR INLETS.

Sizes. Inches.	Fig. 22. Plain.	Fig. 23 Ornamental, for Corners of Room.
16× 8×3, with moulding & astragal bead	10/-	12/-
18× 9×3½ „ „ „	12/6	15
[illegible]	15	17/6
[illegible]	17/6	20
[illegible]	20	22/6

Rot proof removable Dust Filter, 2/- extra.
LOW QUOTATIONS FOR QUANTITIES

Fig 24 VENETIAN WALL INLET.

Prevents Damp Walls, &c
[illegible]

LIBERAL OFFER.

TO PROVE [illegible] Patent Ventilators is the most **scientific** and **cheapest,** [illegible] stock size for **1 month's approval** to test **and compare with any other good makers. Efficient, strong, lasting, compact.** [illegible]

TESTIMONIALS

From [illegible]
Westgate Common House, Wakefield.

"Your 'Acme' Chimney Cowl has cured a smoky chimney which several [illegible] be troubled with a smoky chimney I would strongly advise them to give yours a trial, as I fully believe it to be a certain cure."

[illegible]

"The six 'Acme' Chimney Cowls, supplied about ten weeks ago, have so far been very satisfactory." [illegible]

SMOKY CHIMNEYS.

NO CURE, NO PAY.

ACME VENTILATING & HEATING Co., Liverpool.

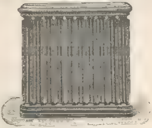
WM. BAILY & SONS,

71, Gracechurch Street, London, E.C.,

MANUFACTURING IRONMONGERS, GAS & HOT WATER ENGINEERS, ART METAL WORKERS.

HOT WATER & STEAM HEATING & VENTILATING APPARATUS

FOR
ASYLUMS,
PUBLIC BUILDINGS,
COLLEGES,
BANKS,
SCHOOLS,
WORKHOUSES,
HOSPITALS,
LIBRARIES.



FOR
CHURCHES,
GREENHOUSES,
HALLS,
SWIMMING BATHS,
PRIVATE HOUSES,
CONSERVATORIES,
HOTELS,
CLUBS.

VENTILATING COWLS, LIFTS, FIRE SERVICES.

DOG GRATES. CHIMNEY-PIECES. GAS STOVES.

Coil Cases. LIFT ENCLOSURES. Slow Combustion Stoves.

ARTISTIC WROUGHT IRON METAL WORK. BRONZE CANDELABRA GATES & TABLETS.

See Sections D and J.

J. F. CLARKE & SONS, HEATING AND LIGHTING ENGINEERS,

49, MOORGATE STREET, LONDON.

ESTABLISHED 50 YEARS

Contractors
TO THE
Corporation
AND
Commissioners of
Sewers
OF THE
City of London,
Metropolitan
Asylums Board,
London School
Board, &c.

Specifications
and Drawings
prepared,
AND
Estimates given
for all kinds of
Cooking
and Heating
Apparatus for
Institutions,
Clubs, Hotels,
&c., &c.

Engineering Works and Foundry: **FEATHERSTONE STREET, & JAMES STREET, ST. LUKE'S.**

MEDALS: 1865, 1881, 1893. MEDALS: 1865, 1881, 1893

HEATING APPARATUS

Inventor, Patentee, Manufacturer **J. ATTWOOD.** Telegrams "ATTWOODS STOURBRIDGE"

HOT-WATER ENGINEER AND IRONFOUNDER, STOURBRIDGE.

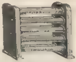
The ONLY ATTWOOD in the Trade

THE BEST JOINT.

OVER A MILLION SOLD.

SADDLE, TRENTHAM, and other
BOILERS.
HOT-WATER PIPES.
COILS, VALVES, &c.
RADIATORS, COIL CASES &c.
FOR HEATING
CHURCHES, SCHOOLS, MANSIONS, PUBLIC BUILDINGS, GREENHOUSES, &c., &c.

THE BEST COIL.



THOUSANDS IN USE.

HOT-WATER GOODS.

CATALOGUES FREE.

EMLEY & SONS, Limited,

Telegraphic Address "EMLEY NEWCASTLE-ON TYNE." NEWCASTLE-UPON-TYNE. ORCHARD STREET NEWCASTLE

CONTRACTORS FOR HEATING BY HOT WATER OR STEAM.

Cooking Apparatus for Hotels, Large & Small Establishments.

PLUMBING WORK IN ALL ITS BRANCHES.

Chimney Pieces in Marble & Wood. Stoves of all description.

THE LARGEST STOCK IN THE PROVINCES.

MUSGRAVE'S SLOW COMBUSTION STOVES. *(Sole Agents.)*

MARBLE & KERAMIC MOSAIC PAVEMENTS, TILE HEARTHS, PANELS & DECORATIONS.

GENERAL IRONMONGERY:

COMPRISING

FENDERS, COAL BOXES, GAS FITTINGS, ORNAMENTAL GOODS, and KITCHEN OUTFITS.

BARCLAY & SON

(SILVER MEDAL, CRYSTAL PALACE, 1892.)

Undertake Electric Lighting of Country and Town Houses, Electric Heating, and Cooking. A list of References will be sent on Application.

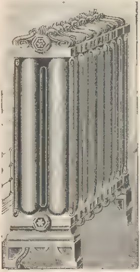
SOLE AGENTS FOR

PULSFORD, TRIQUET ET CIE'S INCANDESCENT ELECTRIC LAMPS.

THE MOST ECONOMICAL.

ELECTRICAL ENGINEERS & CONTRACTORS.

359, Oxford Street, London, W.



JOBSON RADIATORS

For HOT WATER or STEAM.

Made in over 100 Sizes.

The Only Perfect Joint,

NO RUBBER WASHERS. NO RED LEAD.

ALL JOINTS FACED BY MACHINES MADE SPECIALLY FOR THE PURPOSE.

EVERY RADIATOR TESTED TO 60 LBS. TO THE SQUARE INCH.

The largest makers in the country. Over 20,000 sections made in 1895.

Send for NEW LIST with latest Designs and Prices.

Sole Makers:

THE DERWENT FOUNDRY CO., DERBY.

ALFRED CLIFFORD'S PATENT VENTILATOR.

[illegible] The **Best** and **Cheapest ever invented.** [illegible]

Ventilators also made to order for fixing over Chimneys to prevent sparks escaping, also No. 3 can be fitted to a 6ft. or any other length tall-boy, the latter made to order

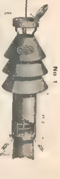
No. 3.

No. 4.

[illegible] The Ventilator [illegible] stop the fumes [illegible] before fixing your Ventilator. SYDNEY WEBB, Chilwell."

[illegible] have succeeded very well, even in stormy weather. ARTHUR H SKIPPER."

No. 2.



No. 1.

For particulars post free. Address—

A. CLIFFORD, Patent Works, Hawley, Kent, England.

TO HER MAJESTY THE QUEEN, AND H R H THE LATE PRINCE CONSORT

TO THEIR ROYAL HIGHNESSES THE PRINCE AND PRINCESS OF WALES.

JAS. BEDFORD & CO., AND HILL & HEY,

Ventilating Engineers,

HALIFAX.

INVENTORS, PATENTEES, & SOLE MANUFACTURERS OF THEIR EXCELSIOR SYPHON, EXCELSIOR EXHAUST & WATSON SYPHON VENTILATORS.

[illegible] 38 [illegible], Birmingham, April [illegible], 18[illegible]3

[illegible] Ventilators [illegible] for St. Thomas's Schools, [illegible] satisfaction.

The result [illegible] and has called forth expressions of surprise and pleasure from many [illegible] the room was before the introduction of the Ventilators.

From [illegible]DWARD SHARMAN, Esq., Surveyor Wellingborough Local Board of Health.

Wellingborough, July 1st, 1892.

DEAR SIRS,—I have much pleasure in stating that I have used your Ventilators for a number of Board and other Schools, and many other buildings in this neighbourhood, and I have always found them most effective and satisfactory.

Over 35,000 Syphon Ventilators have been applied to buildings, from the Royal Palaces downwards.

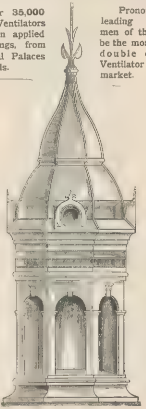
Pronounced by leading scientific men of the day to be the most perfect double current Ventilator in the market.

H.

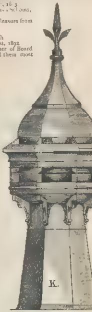
A

PRICES AND FULL PARTICULARS ON APPLICATION TO

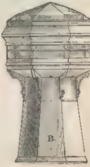
JAMES BEDFORD & CO., AND HILL & HEY,



The oldest established firm of Ventilating Engineers in the Kingdom.



K.



B.

THE "SYPHON," (REGISTERED TITLE.)

(CLARK'S PATENT)

HYGIENIC GAS-HEATING STOVES,

FOR USE WITHOUT A FLUE

NO FLUE REQUIRED! NO SMOKE! NO SMELL! NO DIRT OR TROUBLE! NO DANGER!

All Sulphurous Vapours are condensed inside the Stoves, and passed off as a Liquid into the Tray beneath.

The most Economical and Efficient System for Heating PUBLIC HALLS, SCHOOLS, HOSPITAL WARDS, CORRIDORS THEATRES, SHOPS, OFFICES, and all Public Buildings and Private Residences.

Supplied to
HER MAJESTY THE QUEEN.
H R H THE PRINCE OF WALES
H.M. BOARD OF WORKS.

Protected by Her Majesty's [illegible]

Supplied to
H.R.H. THE DUKE OF SAXE-COBURG GOTHA.
H R H PRINCESS HENRY OF BATTENBERG
THE BRITISH EMBASSY IN BERLIN, &c.

The "SYPHON" **Hygienic Gas Heating Stoves** give a pure, equable and agreeable heat, which can be graduated or sustained at the will of the user They are so constructed that a moist or dry atmosphere is obtainable at pleasure.

The extremely small quantity of Gas consumed by the "SYPHON" Stove renders it the most economical Heating Apparatus in the world It produces the heat of a coal fire at a cost of **One Penny for 3 Hours' Burning**

The action of the Stove is under the most perfect control, for the heat can be increased or reduced by simply turning the supply tap. Whether the price of Gas be high or low, the "SYPHON" Stove is always the Cheapest possible means of producing heat

Mr D'OYLY CARTE, of the Savoy Theatre, *writing of these Stoves, says*

'I used your Hygienic Gas Heating Stoves in this Theatre all last winter, and found them in every way most satisfactory. I think I must have had ten or a dozen of them in various parts of the Theatre, and in the very cold weather we had last winter they succeeded in warming the corridors, &c., admirably. Two of them were used to heat the Business Offices of the Theatre, and they fulfilled this object capitally, while apparently in no way injuring the air in the Offices, a most important consideration

COMPLETE ILLUSTRATED PRICE LIST ON APPLICATION

S. CLARK & Co., Patentees and Sole Makers, "**SYPHON**" Works, Park St., Islington, LONDON, N.

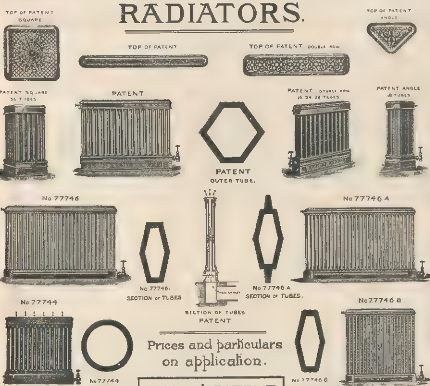
COALBROOKDALE CASTINGS

THE COALBROOKDALE COMPANY, LIMITED.

WORKS, ... COALBROOKDALE, R.S.O., SHROPSHIRE.

SHOW ROOMS .... LONDON. E.C. 1, Victoria Embankment; Blackfriars,

RADIATORS.



HEAPS' PATENT.

HYDRO-CALORIC RADIATOR & INLET VENTILATOR.

These RADIATORS may also be had Wholesale from,

T.A. HEAPS & Co., WESTGATE, HUDDERSFIELD.

Steam Works:
16 and 18, Little Queen St., Upper George St., Edgware Rd., London, W.

Offices:
28a, Upper George St., Edgware Rd., London, W.

ESTABLISHED 1860

H. W. COOPER & Co., Lim.,

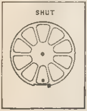
MANUFACTURERS OF

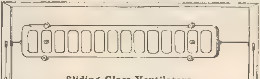
Cooper's Glass, Revolving, Circular & Sliding Ventilators.

(H. W. COOPER, Sole Inventor)

IMPROVED GLASS LOUVRE AND VENETIAN VENTILATORS, IMPROVED COPPER, BRASS, GUN METAL, AND IRON CASEMENTS, for Private and Public Buildings, Churches, Halls, and Lights of every description.

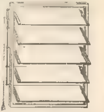
GLASS CIRCULAR VENTILATORS.

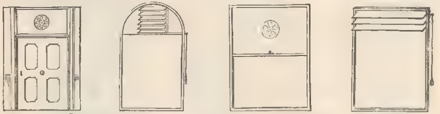




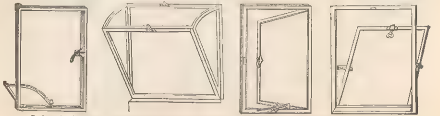
Sliding Glass Ventilators, H. W. COOPER, Sole Inventor.

IMPROVED GLASS LOUVRE VENTILATORS.





Improved Copper, Brass, Gun-Metal, and Iron Casements.



Orders to be sent to the Office, addressed to "The Secretary, H. W. COOPER & Co. Limited."

28a, UPPER GEORGE STREET, EDGWARE ROAD, LONDON, W.

COMYN CHING & Co.,

Telegrams: "COMYN CHING, LONDON." **ART METAL WORKERS,** Telephone No., 2918.

Ventilating, Warming, and Lighting Engineers

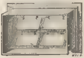
For MANSIONS, ASYLUMS, UNIONS, &c.

BRASS FOUNDRY MADE TO DESIGN.

WROUGHT IRON WORK, GRILLES, RAILINGS, BALCONIES, AWNINGS, BALUSTERS.

Cooking Apparatus for Hotels, Mess-Rooms, Clubs, &c.

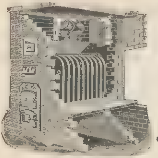
Patentees of "Silent Mica Valve," and other Ventilators.



ARCHITECTS' DESIGNS AND INSTRUCTIONS CAREFULLY CARRIED OUT.

COMYN CHING & Co., Castle Street, LONDON, W.C.

Architects would oblige by mentioning the source of their information when communicating with the Firms represented in "The Compendium."



LARGE CHURCHES, CHAPELS, PUBLIC BUILDINGS,

Public & Private Turkish Baths Heated & Fitted up throughout.

MANSIONS & DETACHED HOUSES

EFFECTUALLY WARMED BY THE

CONVOLUTED STOVE.

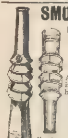
The Royal Exchange and Free Trade Hall, Manchester, Mr. Charrington's Great Assembly Hall, Mile End Road, London, are warmed in all parts by this Apparatus with less Fuel than any *other* buildings of the same dimensions

ILLUSTRATED CIRCULAR FREE.

For Inspection and Report, Expenses charged if Order not afterwards given.

J. CONSTANTINE & SON,

CONVOLUTED STOVE WORKS, STOCKTON ST., CLARENDON ST., MANCHESTER.



Ventilator

SMOKY CHIMNEYS & DEFECTIVE VENTILATION.

The "DULCE DOMUM" Chimney Top & Ventilators

(DOWNES' PATENT) are Positive Cures of these evils.

It is the only Chimney Top which can be easily and effectually swept with the ordinary Apparatus without being damaged. Prevents Down Draught, and is so constructed that it creates a continuous and powerful Up Draught. Strongly made in Galvanized Iron, having no moveable parts to oil or repair, cannot get out of order.

ONCE FIXED WILL LAST FOR YEARS

Applicable for Ventilating Soil Pipes, Main Drainage Shafts, and the Ventilation of Public Buildings.

The latter made specially with an External Decoration to suit position of same.

For further particulars and Prices apply to the Patentee,

199, LEWISHAM HIGH ROAD, NEW CROSS, LONDON, S.E.

(Late 11, THE PARADE, LEWISHAM HIGH ROAD.)

Ventilator for Soil Pipe.

Ventilator for Public Buildings

DRAKE & GORHAM,

Electrical, Mechanical, and Hydraulic Engineers.

CONTRACTORS FOR COMPLETE EQUIPMENTS OF

ELECTRIC LIGHTING AND POWER PLANTS

IN ANY PART OF THE WORLD.

Electricians to the

BANK OF ENGLAND,
METROPOLITAN POLICE, NEW SCOTLAND YARD,
HIS GRACE THE DUKE OF DEVONSHIRE,
HIS GRACE THE DUKE OF MONTROSE,
THE RIGHT HON. THE MARQUIS OF LONDONDERRY,
THE RIGHT HON. LORD ARMSTRONG,
THE RIGHT HON. THE EARL OF CREWE,
THE RIGHT HON. THE EARL OF DERBY,
THE RIGHT HON. LORD KNUTSFORD,
THE RIGHT HON. LORD [illegible],
ETC., ETC.

Sole Agents for the

JANDUS ARC LAMP,

Which burns 200 hours without re-trimming, burning a single pair of Carbons.

Manufacturers of

STORAGE BATTERIES,
CARDEW EARTHING DEVICE,
ELECTRICAL RECORDING INSTRUMENTS,
And General Electrical Apparatus.

Head Offices 66, VICTORIA STREET, WESTMINSTER, LONDON, S.W.

Branches—MANCHESTER, GLASGOW, and SCARBORO'.

Telegrams—"ACCUMULATOR, LONDON." Telephone, 3071

Contractors to H. M. Government.

COUSLAND & MACKAY,

Contractors to Imperial Court of Berlin.

Automatic & Mechanical Ventilating Engineers,

150, HOPE STREET, GLASGOW.

— PRICES. —

Made in Strong Galvanized Steel, and Enamel Painted. *Prices do not include Wood Base or Moulding.*

SIZES. Heads	Pipes.	DESIGNS Nos 1 & 2	A	D.
12 in.	6 in. to 7 in.	£1 2 6	£1 5 0	
14 ,,	7 ,, 8 ,,	1 13 [illegible]	1 10 0	
16 ,,	8 ,, 9 ,,	1 19 0	2 2 0	
18	9 ,, [illegible]	2 4 [illegible]	2 15 0	£3 12 6
20	10 ,, 12	2 18 6	3 10 0	4 7 6
24 ,,	12 ,, 15 ,,	3 18 6	4 10 0	5 15 0
30	15 ,, 18	5 7 6	6 10 0	8 10 0
36 ,,	16 ,, [illegible] ,,	7 10 0	8 15 0	11 0 0

Prices of larger sizes on application. Made to fit into Architects' Turrets, 10 per cent. under above prices.

NOTE.—The Extracting Power of our "Climax" Patent Direct-Acting Turret Ventilator is determined by the AREA of OUTLET in the Head of the Ventilator, which has been so arranged as to give an extraction equal to the dimensions of the largest size of Pipes given above. Architects, therefore, can confidently specify such, and rely upon the Extracting Force being EQUAL to DIAMETER of LARGEST PIPE.

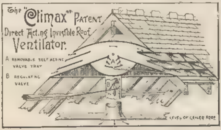
REDUCED PRICE LIST CATALOGUES, containing more Ornamental Designs, Post Free on Application.

Fitted with REMOVABLE DOUBLE TIER SELF ACTING VALVE TRAY

Thoroughly Water Tight

Warranted free from Down-draught

Gives Largest Extraction of any INVISIBLE ROOF VENTILATOR



CAUTION Architects are cautioned against imitations of this Ventilator offered to the Building Trade at large discounts. Such Ventilators bear no comparison with our 'Climax' Patent Invisible Roof Ventilator either in Area of Outlet, Power of Extraction, Freedom from Down-draught, or Quality of Manufacture

The Illustration above shows this Ventilator fitted with Connecting Pipes to a Ceiled Roof, but it is also supplied without these for Open Roofs.

PRICES.

For Pitch NOT LESS than 60°. For Pitch NOT LESS than 45°.

Length.	Pipe.	For open roof. (60°)	For ceiled roof, exclusive of connecting pipe. (60°)	For open roof (45°)	For ceiled roof, exclusive of connecting pipe (45°)	Regulating Valves
1 ft. 0 in.	7 in.	£1 10 0	£1 16 0	£1 17 6	£2 5 0	£0 9 0
1 ,, 6 ,,	10 ,,	2 2 6	2 12 6	2 12 6	3 2 6	0 10 0
2 ,, 0 ,,	12 ,,	2 15 0	3 6 0	3 15 0	4 10 0	0 12 0
2 ,, 6 ,,	15	3 7 6	4 0 0	4 5 0	5 2 0	0 15 0
3 ,, 0 ,,	16 ,,	4 0 0	4 15 0	5 0 0	6 0 0	0 16 0
3 ,, 6 ,,	17 ,,	4 12 0	5 10 0	5 15 0	6 18 0	0 17 0
4 ,, 0	18 ,,	5 5 0	6 5 0	6 10 0	7 16 0	0 18 0

N.B. For Lower Pitch Roofs ADD 25 per cent.

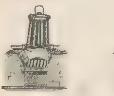
SPECIFYING Kindly use the words Cousland & Mackay's (150, Hope Street, Glasgow) "Climax" Patent Direct-Acting . . . . Ventilator.

Made in strong gauges of Galvanized Steel, to pitch of Roof, with Flanges to lap the Slates or Tiles, and fixed at a trifling expense.

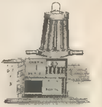
Regulating Valves for fixing in pipes, fitted with Strong Wrought Iron Spindles and Crank Handles supplied when desired.

IMPROVED UPRIGHT TUBULAR BOILERS.

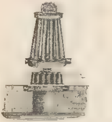
The Upright Tubular Boiler, with Tubular Firebars, is generally acknowledged to be the most powerful and economical, with the advantage of being Self-feeding.



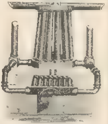
No. 1 BOILER.



No. 2 BOILER.



No. 3 BOILER.



No. 4 BOILER.

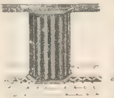
—— PRICES. ——

Size.	Dimensions.	Heating Power	Without Tubular Firebars.	With Tubular Firebars.	[illegible]	Improved [illegible]
			£ s. d.	£ s. d.	£ s. d.	£ s. d.
No. 1	15-in. diam. [illegible] high, 6 Tubes	150 feet 4-in. Pipe	2 10 0	—	1 0 0	—
2	18-in. diam. [illegible] high, 10 Tubes	350 " "	4 10 0	5 10 0	1 0 0	0 10 0
3	22-in. diam. [illegible] high, 12 Tubes	750 " "	6 0 0	8 [illegible]	1 7 6	0 12 6
3a	Above Boiler with Cradle Bars	850 " "	6 0 0	8 10 0	1 7 6	0 12 6
4	26-in. diam. 36-in. high, 12 Tubes	1000 " "	10 0 0	12 9 0	1 7 6	0 16 0
4a	Above Boiler with Cradle Bars	[illegible] " "	[illegible] 0 0	18 10 0	1 7 6	0 15 0
5	32-in. diam. [illegible] high, 16 Tubes	1400 " "	14 0 0	[illegible] 0 0	1 7 6	0 [illegible] 6
5a	Above Boiler with Cradle Bars	1600 " "	14 0 0	18 0 0	1 7 6	0 17 6

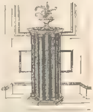
Prices of larger Boilers (to 8000 feet) on application. Boilers made to any required height, and with connections as can to meet special requirements without extra charge.

TRADE TERMS ON APPLICATION.

ORNAMENTAL HOT-WATER PEDESTALS.

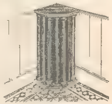


ANGLE PEDESTAL



HEXAGON PEDESTAL

OCTAGON PEDESTAL



CORNER PEDESTAL

—— PRICES ——

Description	Contents	With [illegible] Tubes	With [illegible] Tubes
		£ s. d.	£ s. d.
Angle Pedestal	2 [illegible] Pipes	4 [illegible]	4 1[illegible] 0
Do. do.	[illegible]	[illegible]	6 2 6
Hexagon Pedestal	3 [illegible]	[illegible] 15	3 [illegible] 0
Do. do.	3 [illegible]	7 [illegible] 6	8 15 0
Octagon Pedestal	[illegible]	6 7 6	6 [illegible] 0
Corner Pedestal	[illegible]	3 1[illegible] 0	4 5 0

Prices for other sizes on application. Marble Slabs and decoration of Pedestals extra to above prices.

TRADE TERMS ON APPLICATION

Makers of Plain and Ornamental Hot Water Coils, in large Variety of Sizes

PRICES ON APPLICATION.

JAMES CRISPIN, F.R.H.S., & SONS,

HEATING & VENTILATING ENGINEERS,

NELSON STREET, BRISTOL.

Specialities in Turkish and Private Bath Apparatus, Steam Cooking and Heating Apparatus, Improved Hot Water Ventilating Radiators.

TELEPHONE 453.

Awarded Two Medals of the Royal Horticultural Society.

By Her Majesty's Royal Letters Patent.

ESTABLISHED 1886.

R. P. DE RIDDER, HEATING & VENTILATING ENGINEER, ETC.,

FAIRFIELD ST, FAIRFIELD, LIVERPOOL.

(Telegraphic Address - "DERIDDER, LIVERPOOL.")

DE RIDDER'S PATENT "SMALL PIPE SAFETY."

NEATNESS. Patronized by **DURABILITY.**

HER MAJESTY'S WAR OFFICE,
THE LONDON SCHOOL BOARD,
THE HANLEY SCHOOL BOARD,
THE MERSEY DOCKS AND HARBOUR BOARD,
THE LEADING LONDON & PROVINCIAL ARCHITECTS, &c.

APPROVED BY THE PRINCIPAL INSURANCE COMPANIES.

HOT WATER HEATING APPARATUS

FOR WARMING & VENTILATING

Churches, Chapels, Schools, Mansions, Residences, Conservatories, Public Buildings of all kinds: also Turkish and other Baths; Laundries, Drying Rooms. Manufactories and Buildings of every Description.

THIS APPARATUS consists of a continuous tube of only one inch and-a-quarter in diameter, a portion of which forms a Coil, and is placed in a furnace which heats the water in the Coil, causing the Circulation. It has also a **Special Expansion Tube with self-acting Valve, &c.**, *which does not seal or bottle up the Apparatus*, but provides amply for both **the Expansion of Water and Escape of Air, without Loss of Water**, *a result hitherto thought impossible*: thus my Apparatus cannot justly be called High Pressure or Dangerous.

CAUTION. Attempted Infringement necessitates notifying that "The combination of an Expansion Tube with a Safety Valve" is covered by my Patent, and can only be supplied by me.

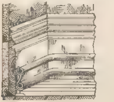
SAFETY—It is perfectly Safe, there being neither Boilers, Steam, Metal Plates, Cisterns to boil over or cause undue strain, nor Hermetical Sealing of the Apparatus. It can also (when desired) be charged with Non-Freezing Liquid, and can be fired any weather, regardless of Frost.

NO TWO QUALITIES OF PIPING USED. ONLY COMPETENT & STEADY MEN EMPLOYED. NO PIECEWORK ALLOWED.

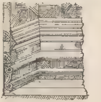
EVERY APPARATUS IS GRATUITOUSLY GUARANTEED.

ADVANTAGES. NO HERMETICAL SEALING—NO CISTERN to boil over or get out of order—NO BOILER—NO STEAM—NO CAST IRON PIPES—NO BURNT AIR OR SULPHUR FUMES—THE ONLY " SYSTEM PROVIDING FOR SILENT AND SELF-ACTING EXPANSION (without loss) OF WATER AND RELIEF OF AIR.

Sketches under, show Piping as fixed in Residences, Offices, &c in front of and under Skirting Boards, with and without Grating in front.



Piping in front of 12in. high Ordinary Skirting Board.



Piping under without Grating in front, Painted.

Piping under with Grating in front.

PLANS AND ESTIMATES FURNISHED FREE OF CHARGE ON APPLICATION.

Telegraphic Address, "DERIDDER, LIVERPOOL."

Hot Water Supply

AND HEATING

EFFICIENCY GUARANTEED.

(Author of "Hood on Warming Buildings by Hot Water.")

FREDK. DYE & CO., 58, ST. PAUL'S CHURCHYARD, LONDON, E.C.

Architects would oblige by mentioning the source of their information when communicating with the Firms represented in "The Compendium."

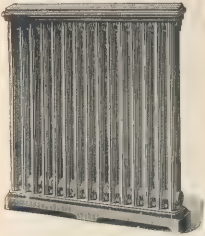
F. EDWARDS & SON,

54, GREAT MARLBOROUGH STREET, LONDON, W.,

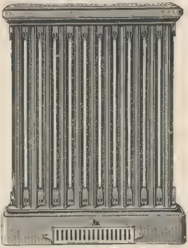
HEATING ENGINEERS.

PLANS AND ESTIMATES GIVEN for Heating Public and Private Buildings, by low pressure Hot Water Apparatus. Radiators, Coils or Pipes.

NEW DESIGN DIRECT HEATING RADIATOR



NEW DESIGN VENTILATING RADIATOR.



These Radiators have a great direct Radiating Surface in a Small Space; they can be made various widths. The height of the Direct Heating Radiator is 3ft., and of the Ventilating Radiator is 3ft. 4in.

HOT WATER SUPPLY. KITCHENS FITTED.

STOVE & GRATE MANUFACTURERS.

See also Advertisement, page 380.

THE EAGLE CHIMNEY TOP (PATD.

Warranted to cure Down-Blow.

Made in Metal or Terra Cotta

EFFICIENCY GUARANTEED.

Is Cheap, has no working parts, full value allowed if unsuccessful

A. WATERHOUSE, Esq (the eminent Architect), writes "I have waited before paying your account to test your Eagle Chimney Top It has been so far successful more so than anything yet tried If you approve, and will furnish me with a working drawing, I should like to design the top in terra cotta for my own buildings." (This has since been done.)

The only Chimney Top having a guarantee of efficiency.

The EAGLE RANGE & FOUNDRY Co., Ltd.,

176, Regent Street, & 58, St. Paul's Churchyard, London.

WRITE FOR A PRICE LIST.] [SEE ALSO OUR PAGE IN SECTION H.

G. N. HADEN & SONS,

Engineers.

MANUFACTURERS OF

HEATING AND VENTILATING APPARATUS.

→ ORIGINAL PATENTEES OF THE EXPANSION JOINT. ←

Buildings of every description treated according to their special requirements, and success guaranteed.

HEATING BY HOT WATER, WARM AIR, COMBINED AIR & WATER, AND STEAM.
VENTILATION BY MECHANICAL OR AUTOMATIC ARRANGEMENTS.

Other branches of Engineering Work carried out, including
HOT WATER SERVICE, LAUNDRY AND COOKING WORK, ENGINES, PUMPS, and COLD WATER SUPPLY, HYDRANT SERVICE, Etc., etc.

HOT WATER RADIATORS OF SPECIAL DESIGNS. *PLANS AND ESTIMATES GIVEN.*

CONTRACTORS TO H. M. GOVERNMENT AND THE CROWN AGENTS FOR THE COLONIES.

G. N. HADEN & SONS, Engineers,

Trowbridge.

Branch Offices: 123, CROMER ST., LONDON, W.C.; 4, ALBERT SQ., MANCHESTER; LOWER TEMPLE ST., BIRMINGHAM.

Architects would oblige by mentioning the source of their information when communicating with the Firms represented in "The Compendium."

International Exhibition, Liverpool, 1886
Gold Medal —Highest Award.

Registered Title and Trade Mark.

Gibbs Fireplace Lintel.

Telegraphic Address, "VENTILATION, LIVERPOOL

Telephone No. 1389

JOHN GIBBS & SON,

WARMING, VENTILATING, AND CONSULTING ENGINEERS,

72, 74, & 76, DUKE ST. (late of 27, South John Street), LIVERPOOL.

Contractors to the Lords Commissioners of the Admiralty, H M. War Office, Her Majesty's Office of Works, the School Board for London and Leading Corporations

WARMING AND VENTILATING INSTALLATIONS

FOR

Public Buildings, Asylums, Infirmaries, Churches Colleges, Hospitals, Mansions, Clubs Schools Dwelling Houses, Railway Stations Warehouses Shops, Offices, Police Cells, Steamships, Yachts Lighthouses Railway Carriages, Furniture Store Rooms Factories Conservatories Greenhouses Hot-Houses, Plant Houses, also Drying Rooms Hot Closets, Disinfectors, &c., &c., &c.

ECONOMY. NEATNESS DURABILITY. EFFICIENCY.

BOILER

Ornamental Radiator.

"IMPROVED SMALL BORE PIPE" Hot Water Warming Apparatus.

This Apparatus, *when scientifically designed and fixed*, is the most economical system of warming known, as the consumption of fuel is small, the heat is quickly got up, is easily managed is perfectly safe, is the acme of simplicity, is efficient and durable. The pipes being so small, they can be fixed where larger pipes would be inadmissible, and can be bent round columns, mouldings, and all kinds of fittings. It can be filled with anti-freezing liquid (when desired), and can be fired *any weather, regardless of frost.*

"IMPROVED LOW PRESSURE" Hot Water Warming Apparatus.

Constructed of wrought iron piping, from 1 in. diameter upwards, also of cast iron piping from 2 ins diameter, upwards, with and without Radiators, in conjunction with ventilating schemes, or otherwise

"STEAM WARMING APPARATUS" both High and Low Pressure,

In conjunction with ventilating schemes, or otherwise, with and without Radiators. For Workhouses, Asylums, &c

"IMPROVED DIRECT HEATING & VENTILATING RADIATOR" for Hot Water or Steam.

This Radiator is constructed to combine a maximum direct heating surface in the least possible space, with a perfect system of ventilation, and consists of all water contact surface

Leakage, a great source of annoyance and frequent expense, is rendered impossible, each Section being joined together at top and bottom with right and left hand screwed nipples This construction allows of the Radiator being enlarged or reduced in size, as one of the end sections has simply to be taken off, any number of sections added or taken away, as the case may be, and the end section refixed.

For Ventilating purposes we supply a box-base with dampers, the air-duct being brought in either at the back or underneath the Radiator The dampers are arranged to be operated by the foot. The base, being wholly under the Radiator and well recessed is entirely out of the way, and not liable to damage, and, if necessary, the base, including dampers, can be easily removed for cleaning and quickly replaced, without disturbing the Radiator

PRICES UPON APPLICATION.

J. G. & S. make a specialty of Hot Water Supply Apparatus for Institutions and Domestic purposes.

The fact that we have hitherto relied upon the recommendation afforded by the satisfactory carrying out of work entrusted to our care for the development of our business is in itself a guarantee to intending customers.

All Apparatus designed and carried out by us is guaranteed to work successfully, and maintained in repair for 12 months

Designs and Estimates on receipt of particulars, or practical Representatives sent to meet Committees, Boards of Guardians, Architects, and others.

JOHN GIBBS & SON,

72, 74, & 76, DUKE STREET (late of 27, South John Street), LIVERPOOL.

See also Pages 374 and 643.

Telegraphic Addresses: GOTHIC, LONDON, and GOTHIC, MANCHESTER.

THOMAS GLOVER & CO.,

Telegraphic Addresses: GOTHIC, BIRMINGHAM GOTHIC, BRISTOL.

214 to 222, St. John Street, Clerkenwell Green, London, E.C.; 37, Blackfriars Street, Manchester; 3, Bridge Row, Deritend, Birmingham; and 62, Victoria Street, Bristol.

ORIGINAL MAKERS. ESTD. 1844.

THOMAS GLOVER & CO.'S

PATENT

DRY GAS METERS

Are a remedy for all the Defects of Wet Meters.
Are suitable for all Climates, whether Hot or Cold.
No Loss of Gas by Evaporation.
Cannot become fixed by Frost, however severe.
Are the most accurate and unvarying Measurers of Gas.
Prevent Jumping and unexpected extinction of the Lights.
Cannot be tampered with without visibly Damaging the Outer Case.
Are upheld for Five Years without Charge.

DIMENSIONS OF
THOMAS GLOVER & CO.'S PATENT DRY GAS METERS.

Size of Meter.	Outside Dimensions.			Diameter of Inlet and Outlet Inside.	Distance Between centres of Inlet and Outlet.
	Height.	Breadth.	Depth Back to front.		
1 Light	11 7/8 in	8 1/4 in	6 1/4 in	1/2 in.	7 1/16 in
2 "	13 3/4 "	10 "	7 1/4 "	5/8 "	8 1/2 "
3 "	15 1/4 "	11 1/2 "	8 1/4 "	5/8 "	10 3/8 "
5 "	16 5/8 "	12 7/8 "	8 3/4 "	3/4 "	11 3/8 "
10 "	19 1/4 "	14 7/8 "	10 3/4 "	1 "	13 "
20 "	23 1/2 "	18 1/2 "	12 3/4 "	1 1/4 "	16 3/8 "
30 "	26 1/2 "	20 3/4 "	15 1/4 "	1 3/8 "	18 3/8 "
50 "	32 "	25 1/4 "	18 "	1 1/2 "	22 5/8 "
60 "	34 "	27 1/4 "	20 3/4 "	1 3/4 "	24 1/2 "
80 "	39 1/2 "	31 "	23 "	2 1/8 "	27 1/2 "
100 "	41 3/4 "	32 1/2 "	25 1/4 "	2 1/8 "	28 3/4 "
150 "	51 1/2 "	42 "	29 "	3 "	34 " (Height to centre of connection)
200 "	56 3/4 "	42 1/2 "	30 "	3 1/2 "	38 1/2 (Height to centre of connection)
250 "	58 1/2 "	42 1/2 "	30 "	3 1/2 "	38 1/2 (Height to centre of connection)
300 "	62 1/2 "	46 1/2 "	33 1/2 "	4 "	43 (Height to centre of connection)
400 "	70 1/2 "	50 1/2 "	40 "	4 3/4 "	48 (Height to centre of connection)
500 "	77 1/2 "	56 1/2 "	45 "	5 1/4 "	52 (Height to centre of connection)

DIMENSIONS OF LARGER SIZES ON APPLICATION
Capacity of Meters 6 Cubic Feet per Light per hour.

T. G. & CO. HAVE MADE MORE THAN 780,000 OF THESE METERS, & HAVE BEEN AWARDED the following MEDALS:
LONDON, 1851. NEW YORK, 1853. PARIS, 1855. LONDON, 1862. DUBLIN, 1865. PARIS, 1867.
The latter being the highest Award for Dry Gas Meters at the Paris Exhibition, 1867. Since then we have not Exhibited FOR PRIZES

JAMES GRAY,

HEATING AND CONSULTING ENGINEER.

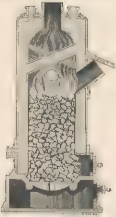
ESTABLISHED 50 YEARS
ESTIMATES AND PLANS FREE.

To H M the Queen.

Hot Water Warming on low pressure System. Heating by Live or Exhaust Steam. Baths and Lavatories fitted with Hot and Cold Water Supply.

CHURCHES, ASYLUMS, SCHOOLS, CHAPELS, CONSERVATORIES.

To Her Majesty's Commissioners of Works.



To H.R.H. the Prince of Wales.

Radiators for Steam and Hot Water, Ventilating Radiators. Hot Water Coils, Boilers, Tanks and Cylinders of every description.

COLLEGES, MANSIONS, PRIVATE RESIDENCES, GREENHOUSES.

To the Board of Trade and War Office.
To the London School Board.

DANVERS ST., CHELSEA, LONDON.

JOHN GRUNDY

HEATING APPARATUS MANUFACTURER.

ESTIMATES FREE. SUCCESS GUARANTEED.

FOUNDRY: TYLDESLEY, MANCHESTER.

Showrooms and Workrooms.—TYLDESLEY BUILDINGS, TORRENS STREET, ISLINGTON, N.
West End Showrooms.—57, WIGMORE STREET, LONDON, W.
CHIEF OFFICE.—30, DUNCAN TERRACE, CITY ROAD, LONDON, N.
Telegrams: "JOHN GRUNDY, LONDON."

WINTER WARMTH AND COMFORT.

Heating and Ventilating Apparatus. Grundy's Speciality, Pure Warm Air,

AS SUPPLIED TO

Truro Cathedral; Londonderry Cathedral, Sherborne Abbey; Kilmore Cathedral; Stanley Cathedral Falkland Islands; Cardiff Catholic Cathedral, The Queen's School Chapel, Eton, Cork Asylum, Leicester Asylum; and to upwards of three thousand Places of Worship, and a great number of Mansions, Houses, Hotels, Hospitals, Schools, Warehouses, Factories, Workhouses; Cork Court House, Colchester Court House; St. Mark's Hospital, London, &c., &c.

The following are a few selected from upwards of 1,000 testimonials received.

84 Brook Street, Grosvenor Square December 8, 1893

SIR WILLIAM BROADBENT encloses cheque for the "GRUNDY" HEATING APPARATUS supplied to his house, and is glad to say that it has proved very satisfactory for warming and ventilating as required.

The principle of the apparatus is most excellent.

To Mr GRUNDY.

PROFESSOR TYNDALL writes—

Hind Head House, Haslemere: October 24, 1893.

Dear Sir,—My house being so well provided with grates and flues for the generation and distribution of pure warm air, I have been thus enabled to spend my winters in England, instead of on a foreign shore.

Yours very truly, JOHN TYNDALL.

Buckhurst Manor, Wadhurst.

DR. GRIEVES says:—I have insisted upon my Architect adopting the "Grundy" system of pure warm air for Heating and Ventilating Buckhurst Manor. I should not like my house warmed with any other method, for I like plenty of ventilation, and do not approve of stagnant air.

Major C. VILLIERS DOWNES writes—

Aspley House, Aspley Guise, Bletchley. January 6, 1896.

After two epidemics of Influenza I decided to try Mr GRUNDY's Hot Air Apparatus. This was in November, 1894. I am glad to say that my old house is now thoroughly warm and comfortable, and that the apparatus has worked well and kept us all far freer from colds of all sorts.

To Mr. J. GRUNDY

Fever Hospital and House of Recovery, Cork Street, Dublin.
October 26, 1894

Dear Sir,—I have much pleasure in informing you that we have found your Heating Apparatus a great success in our new Epidemic Hospital which consists of a two-storey building, each storey containing two large wards, a smaller isolation ward, and two nurses rooms. It is easily managed, does not cost much for fuel, and the air entering is most pleasant, warm and free from smell. It is with the full concurrence of the Managing Committee I give you this testimony.

Yours faithfully, JOHN MARSHALL DAY,
Registrar and Resident Medical Officer.

The Rev. A. BARFF, M.A.,
Prebendary of St. Paul's, London, writes from
The Vicarage St. Giles, Cripplegate, E.C.
April 5th, 1894

Dear Mr. Grundy,—The Heating Apparatus which you placed in our scullery about two months since has been up to the present time in constant use, and has been a great success. The house has been generally warm without the least feeling of oppression in fact your invention is at the same time a warming and ventilating system

I am, Mr. Grundy, yours truly,
ALBERT BARFF.

From The Rev. LORD VICTOR A. SEYMOUR, M.A.,
The Rectory Carshalton January [illegible] 1894

Dear Sir,—The Heating Apparatus you fixed last October in Carshalton Church is very satisfactory. I am convinced that it is in every way preferable to a Hot Water System

Yours faithfully,
Mr. GRUNDY. VICTOR A. SEYMOUR.

JOHN GRUNDY, Heating Specialist and Ventilating Engineer.

TESTIMONIALS (*continued*).

Col the Hon. W. P. TALBOT, M P.,
of Glenhurst, Esher, writes—

Mr. GRUNDY,—I enclose cheque for the Patent Warm Air Apparatus which you have put up in our house; it answers very well. The amount of heat can be perfectly regulated according to the temperature required, and the consumption of fuel is very small.

Col. W. TAYLOR, of Glenleigh, Hastings, writing January 6th, 1894, says—

I am glad to say the Apparatus gives every satisfaction; indeed, I am very delighted with it. I was in every way satisfied with the conduct of your two men; I never knew two workmen behave better or more industrious.
JOHN GRUNDY, Esq.

Greenwich Hospital Estate, Haydon Bridge,
January 26th, 1894

Herewith I beg to forward cheque in payment of your enclosed account for Heating Apparatus, which I am pleased to say is giving every satisfaction to the Committee.

Yours truly,
To JOHN GRUNDY, Esq. JOHN DAVIDSON.

North-Eastern Railway Engineers' Office,
Newcastle-on-Tyne.

In the year 1884 you supplied an apparatus for warming St. James' Church, which has given every satisfaction, and I am strongly recommending it to a friend of mine who happens to be interested in a new Church about to be built. I think the cost of your system was about a third of the cost of hot water

Yours truly,
Mr. JOHN GRUNDY. JOHN J. OLIVER.

5, Leinster Street, Dublin.

I have pleasure in sending you enclosed herewith Certificate for the amount due for warming the new hospital. The Apparatus works in a very satisfactory manner.

Yours faithfully,
JOHN GRUNDY, Esq. W. M. MITCHELL, Architect.

From W. KAYE PARRY, Esq , Architect, M A., C E.,
35, Dame Street, Dublin.

It gives me very great pleasure to recommend your system of Heating; I like it better than any other system of warming. It has given entire satisfaction in every building where I have used it.

From GEO. P. BEATER, Esq ,
Architect, M A., C.E , M.R.I.B.A ,
17, Lower Sackville Street, Dublin.

Dear Sir,—Having used your Warm Air Apparatus in several buildings, I have much pleasure in bearing testimony to the general efficiency, and I do not know of any warming system equal to it.

To Mr. JOHN GRUNDY, 30, Duncan Terrace,
City Road, London, N.

Parkia, Carnarvon, March 23rd, 1895.

Sir LLEWELYN TURNER, in sending cheque for his account, has very real pleasure in stating that the apparatus has exceeded his most sanguine expectations. During the whole of the inclement weather of the past winter, summer weather was enjoyed indoors without on any occasion having a fire in any of the sitting rooms or in the hall The latter used to be unbearably cold in the winter, whereas it is now pleasant to sit in on the coldest day. The drawing room and library, which open into the hall at opposite ends of it, each having folding doors eight feet high and eight feet wide, can be occupied in the coldest weather, with the large doors open, and the air being fresh leaves nothing to be desired on the score of health and comfort The bill for coke is much less than that for coal used in the open fires before the introduction of the "GRUNDY."

The Right Rev. BISHOP SELWYN,
of Selwyn College, Cambridge, writes (referring to His Lordship's Residence)—

The warming is very good, and I have no manner of complaint against it.

From General HENRY G. WHITE,
Lough Eske Castle, Co. Donegal, Ireland.
November 24th, 1894.

Dear Sir,—I have pleasure in enclosing cheque for the Warm Air Apparatus, which is a great success I shall also have much pleasure at any time in bearing testimony to the satisfactory nature of your Heating Apparatus.—Faithfully yours,
HENRY G. WHITE.

The Vicarage, Huttons Ambo, York, June 23rd, 1894

Dear Mr. Grundy,—I am pleased to tell you that the apparatus has been satisfactorily fixed without a hitch, and the result proved to be a complete success, &c.—Yours truly,
JOHN GRIFFITHS.

The Mount, Bishopstoke, December 3rd, 1894

Dear Sir,—You are at liberty to make use of any expression in my letter, as I have every confidence, not only in the efficient warming of a house by your apparatus, but can recommend your system for healthy ventilation at the same time.

Yours faithfully,
To Mr. JOHN GRUNDY. J. A COTTON.

Boyne House, Tunbridge Wells, November 24th, 1894.

Dear Sir,—When I saw the result of your apparatus for warming the Congregational Church at Seaford, I made up my mind that any house built for me should be warmed in the same way This house is warmed by your apparatus, and need I say that the result is all anyone could wish for. –Yours very truly,
Mr. GRUNDY. W. H. CULLINGFORD.

St. Michael and All Angels, Walthamstow, Feb 11th, 1895

Dear Sir,—As we are enduring one of the coldest winters I ever knew, it is a good time to speak of the two "Portsmouth" stoves you lately put in our large schoolroom.

I can hardly tell you how thankful I am that we made up our minds to do away with the hot water apparatus and have your stoves. We get our warmth two hours sooner than we used to, and then obtain a much higher temperature. They are far less trouble than the Boiler was, and the consumption of fuel is very much less. They occupy very little space, and we can light them in the evening and leave them burning all night with perfect safety. I shall recommend them whenever I can, and shall be happy to show them in action to any visitor.

Yours faithfully,
Mr JOHN GRUNDY. EDMUND IBBOTSON, Vicar.

Aden, Mintlaw, Aberdeenshire, November 28th, 1891.
Colonel RUSSELL writes—

Sir,—I am glad to say the apparatus which you put into this house has worked well, and given great satisfaction. I purpose building a village hall, and will have your apparatus to warm it. Particulars wil. follow

Woodthorpe, Shepherd's Hill, Highgate, London N.
May 20th, 1889

Dear Sir,—I am very pleased with the warm air apparatus that you have fitted in my house, which has resulted in comfort and convenience to my household quite beyond my expectations. The luxury of maintaining an even temperature throughout the house in cold weather, while at the same time introducing warmed fresh air from the outside, thus reversing the usual winter experience of stagnant air caused by shut doors and windows, really robs an English winter of one of its most unhealthful features. The basement room in which the furnace is placed I now often use as a Turkish bath, and I find I can easily get any temperature I like up to 180 degrees

Yours truly, H KENNETH.

JOHN GRUNDY, Heating Specialist and Ventilating Engineer.

TESTIMONIALS (*continued*).

Bann Aboo, Wexford December 18th, 1891.
Colonel MAGRATH writes—

Dear Sir,—Your system is exactly what I strongly advocated a quarter of a century ago. Yours seems to be the same idea thought out and perfected. I recommend friends to have air chambers constructed in their houses for effectual warming and ventilating.

Lawn Upton, Littlemore, January 2nd, 1892.
Sir WILLIAM HERSCHELL, Bart., writes—

I have the pleasure to forward you cheque for the warm air furnace. The air is incomparably sweeter than it was when the hot water pipes were used. When properly charged the fire can be kept alight for 18 hours without attention.

Lord HENNIKER has just had the large mansion known as Thornham Hall warmed throughout by a "Grundy." His lordship having been recommended to do so by the Lady Gwendoline Ramsden.

From Dr ROBERTSON,
St. Ann's, West Dulwich, London, February, 1889.

Sir,—Since the introduction of your valuable patent for warming and ventilating my private house, I have enjoyed the greatest possible comfort. The house throughout is delightfully free from draughts and damp. It is just the kind of apparatus that people with weak chests ought to adopt. It is indeed a public boon. Invalids need never wish to winter abroad if they employ a "Grundy" warmer

From Dr. A. J. HOBART
33 South Mall, Cork, November, 1889.

Your system of heating houses by pure warm air is admirable. To delicate persons it is invaluable Whenever I am consulted as to the best means of warming and ventilating public or private buildings, I do not fail to recommend the "Grundy."

From G. EATON ELLIS, Esq,
Wyddiell Hall, Buntingford, December 23rd, 1889.

Dear Sir,—Wyddiell Hall (heating).—I have the pleasure to enclose my cheque in payment for the heating apparatus. Your patent is eminently satisfactory, and warms the house well. Before the "Grundy" was introduced the house was never even moderately warm in winter.

Argyll House, Clifton, Bristol.

Dear Sir,—I am perfectly satisfied with the warming of my house by your patent. I had not the least doubt but that it would answer the purpose all right, for I had watched its progress at the Seaman's Institute, where it also works admirably.

Yours faithfully, W. F. Lavington.

From Rev JOHN LAMB, Ponty Cymmer, Bridgend

Sir —I have tried the "Grundy," and it is a little beauty. In twelve minutes after the fire was lighted the warm air came slightly, but in less than an hour the warmth of the place was most comfortable. I am more than satisfied with it

From Dr. TWIBELL
Kiltegan, Co. Wicklow, March, 1889.

So pleased are the members of my family with your grand system of warming houses by a diffusion of pure warm air, that the ladies wish you would call, that they personally may thank you for so adding to the comfort of the home. The sooner the better your admirable invention becomes known to the community at large It is everything that can be desired.

From Sir HENRY MALET, Bart., Wilbury, Salisbury.

The accounts I have had from some of my friends with large country houses, respecting the warming by your patent were so favourable that I determined to have a "Grundy" for my house. I am very well pleased with it, and shall be glad to recommend it.

See very favourable mention and articles written, highly commending the "Grundy" system, in the "Lancet" of July 14, 1894, "British Medical Journal" of October, 1895, and "Medical Times" of November, 1895.

BOOK OF TESTIMONIALS FORWARDED GRATIS ON APPLICATION TO—

JOHN GRUNDY,

HEATING APPARATUS MANUFACTURER,

Chief Office: 30, DUNCAN TERRACE, CITY ROAD, LONDON, N.,

Manufacturer and Patentee of

"Helios" and "Sirius" SLOW COMBUSTION SMOKE CONSUMING Grates,

"Hestia" Slow-Combustion and Ventilating Stoves.

The "Grundy" Patent Central Heating Apparatus,

SPECIALLY SUITABLE FOR WARMING AND VENTILATING

Churches, Chapels, Schools, Hospitals, Asylums, Halls, Barracks, Workhouses, Infirmaries, Workshops, Dwellings, Showrooms, &c., &c.

Schemes and Estimates Submitted on Receipt of Particulars.

CATALOGUES POST FREE.

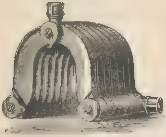
R. HALLIDAY & CO., HORTICULTURAL BUILDERS AND HOT WATER ENGINEERS,

ROYAL HORTICULTURAL WORKS, MIDDLETON, MANCHESTER.

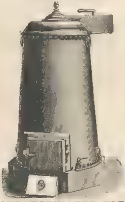
Hot Water Heating Apparatus, with thoroughly reliable Boilers, erected and guaranteed.

For GREENHOUSES, CONSERVATORIES, MANSIONS, and PUBLIC BUILDINGS.

TUBULAR SADDLE BOILER.



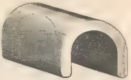
RIVETTED STEEL CONICAL BOILER.



For CHURCHES SCHOOLS, HALLS, HOTELS, CLUBS, WAREHOUSES, OFFICES and SHOPS.

WROUGHT WELDED SADDLE BOILER, No. 19.

With Waterway Check Bridge.



PLANS AND ESTIMATES FREE.

Hothouses and Garden Frames of every description, constructed on R. HALLIDAY & CO'S. improved princip..

PRICES ON APPLICATION.

LEA, SON & CO.,

Pangwerne Works, Shrewsbury,

Electrical and General Engineers,

AND

Art Metal Workers.

Speciality:

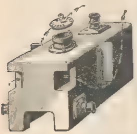
ARTISTIC ELECTRIC LIGHT FITTINGS.

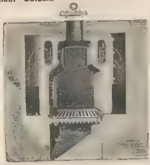
New Illustrated Folio of Designs on Application.

HARTLEY & SUGDEN, LTD., HALIFAX.

Heating Apparatus, Boilers, & Appliances.

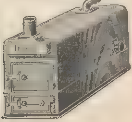
PATENT "CLIMAX" BOILER.



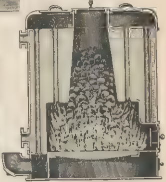


CROSS SECTION.

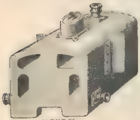
NEW INDEPENDENT "CHATSWORTH" BOILER.



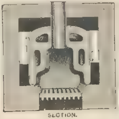
"THE LION" BOILER.



"IMPERIAL" BOILER.



ELEVATION.



SECTION.

INDEPENDENT DOME TOP BOILERS.

The new Pattern of Waterway Bottom Dome Top Boiler is a decided improvement on all previous patterns, as it leaves no space over the archway where the Boiler may be injuriously affected by deposition of sediment.

CATALOGUES FREE ON APPLICATION.

Boilers for Low Pressure Hot Water or Steam Heating to suit any situation or purpose.

JOHN GRUNDY'S

PATENT

"HESTIA," SLOW COMBUSTION AND VENTILATING STOVES.

ADVANTAGES.

1.—**Powerful and Rapid** heating with **small size of Stove**

2.—Perfect and simple regulation of the warmth

3.—The fire can be kept burning for a long time day and night or a week, or for any length of time desired

4.—**Very easy Service**—all cleaning being dispensed with

No complicated Fixing.
Cannot get out of Order.
None of the Drawbacks of Hot-water Heating.
No Skilled Attendant required.

ADVANTAGES.

5.—**No Radiating Heat** the Stove may be placed close to a wall or near furniture without injury to same **No danger of fire** to person or property.

6.—**No Dust or Ashes** in the room

7.—**Excellent Ventilation**, by improvement in ordinary smoke pipe

8.—**Economy of Fuel—35 to 45 per cent.,** as compared with other stoves. The outlay for one Stove is **saved in one winter** by the economy in coals or coke.

Uniform Temperature.
Under Easy Control.
Perfect Ventilation and Distribution of Pure Warmed Air.

Highly commended for Isolation Hospitals, Entrance Halls, Schools, Lecture, Concert and Mission Rooms, Workshops, Clubs, Chapels, and moderate sized Dwelling Houses.

ESTIMATES SUBMITTED FREE OF CHARGE.

PRICES, ACCORDING TO FINISH AND HEATING CAPACITY, **From £1 18s.**

THE TEMPERATURE IS EQUAL

throughout any room heated by a "Hestia" Stove. A thermometer at the farthest end of the room does not differ more than 1—2 degrees from one placed in the immediate vicinity of the Stove.

This most desirable effect is brought about in the following manner:—The casing which surrounds the heating cylinder is open at the top and bottom and the air which enters cold at the bottom is rapidly warmed and rises, whereby a constant stream of warm air is circulated in the whole room.

SMALL QUANTITY OF FUEL REQUIRED.

This is accounted for by the simple and effective regulating device, which only allows so much fuel to be burned as is absolutely necessary to maintain an agreeable temperature The smallest fire which can be maintained in the Stove requires from a quarter of a pound to half a pound of coal per hour, regardless of the size of the Stove, and the largest quantity of fuel which is consumed by a small Stove amounts from two to three pounds per hour Numerous experiments with my "Hestia" Stove have shown that an ordinary room of 3 000 cubic feet, and not much exposed, can be heated **for Six Months** continuously, by day and night with **Seven Cwt. of Coal or Coke.** The larger sizes of my "Hestia" Stoves need only be supplied with fuel once in **12 16 hours** If coke or anthracite coal is used the fire can be maintained the whole winter, provided fresh fuel is added morning and night.

COMPLETE UTILIZATION OF THE FUEL.

All fuel is lit from the top, and combustion proceeds downwards, so that smoke and gases must pass through the fire, and are thus consumed before reaching the chimney, and cannot, therefore be detrimental to health As the fire is drawn downward it goes out on the top so that in Stoves with several middle rings black coke is visible on the top sinking gradually down during the combustion. The combustion is complete, as all superfluous air is excluded by means of the regulating door and this brings with it the nearly perfect consumption of smoke A further proof of the complete utilization of the fuel is the fact of the smoke pipe being next to cold

THE "HESTIA" STOVE WITH EVAPORATING PAN.

In many cases where iron stoves are used for heating purposes—though such complaints are unfounded in the warming of apartments—the dryness of the air is a source of complaint in order to completely remove this the "Hestia" Stove has a water reservoir within the outer casing, it is suspended between the inner and outer casing, but free from both, so that the water may become very hot, but cannot be made to boil. The reservoir is supplied by a tube opening upwards, projecting from the side of the casing, so that it can be easily filled without removing the cover of the casing.

Chief Office: 30, DUNCAN TERRACE, CITY RD., LONDON, N.

West End Branch : 57, WIGMORE STREET, LONDON, W.

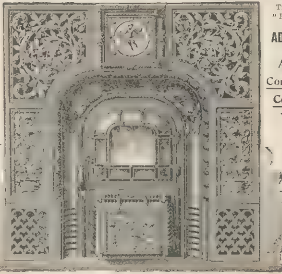
JOHN GRUNDY'S

Patent "Helios" Smoke-Consuming Grate,

With Automatic Feeding Action,

TRADE MARK FOR "HELIOS" GRATES.

TRADE MARK FOR "HESTIA" STOVES.



ADVANTAGES.

Perfect Combustion

Great Economy of Fuel.

No Smoke or Dust in the Room.

ADVANTAGES.

Agreeable, Constant, and Controllable Warmth.

Easy to Fix.

Easy to Light.

Easy to Regulate.

Height—37⅜ in. Width—36 in. Depth—14½ in.

Will Heat 9,000 Cubic Feet About ... ft. × 18 ft. × 14 ft.) up to **70°** Fahr., with the outside temperature at freezing ... at a

COST NOT EXCEEDING 4d. A DAY.

METHOD OF HEATING.

The heat is diffused partly by radiation and partly by warmed air. The fire heats by radiation through the mica window, and the pipe system warms the air, which enters cold at the gratings at the bottom of the front, rendering it back into the room in a heated condition through the top perforations of the front.

REGULATING COMBUSTION.

By pushing the regulation door as far to the right as possible, the maximum combustion is obtained which, by moving the door more or less to the left, can be regulated so as to yield the exact degree of heat required. If the regulating door is quite closed, the fire merely smoulders, and burns in that condition about 7ozs. of coal per hour.

ECONOMY IN FUEL AND PERFECT CONSUMPTION OF SMOKE.

The first is guaranteed by a large area of heating surface and perfect control of combustion, the latter by injection of pre heated air on the smoke arising from the fuel, thereby turning it into a gas and burning it as such. Perfect consumption of smoke is most important from a hygienic point of view.

PRICES:—From £4 0s. 0d. according to Finish. **Mantelpieces in Wood, Iron, or Marble supplied to order.**

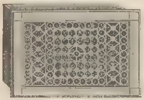
ILLUSTRATED DESCRIPTIVE CATALOGUE POST FREE ON APPLICATION.

Chief Office-30, DUNCAN TERRACE, CITY Rd., LONDON, N. West-End Branch-57, WIGMORE St., CAVENDISH Sq., W.

VENTILATION.

IMPROVED MICA OUTLET VENTILATORS.

For the discharge of Heated and Vitiated Air from Rooms into the Smoke flue



No. 2 Pattern, Rd No, 6...
Size of Front, 11 × 5, 11 × 7, 11 × 9, 11 × 11, 16 × 11.

HAYWARD'S SILK FLAP OUTLET VENTILATORS.

For Prevention of Down-Draught in Air-Extracting Shaft

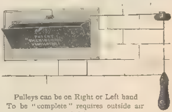
9 × 3 9 × 6, 9 × 9, 13½ by 9, size of Box.

HAYWARD'S EXTRA STRONG CAST-IRON INLET TUBES.

9 × 3 and 9 × 4,
12 × 4 and 12 × 5

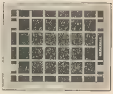
HAYWARD'S "SHERINGHAM" INLET VENTILATOR.

For the introduction of Fresh Air through an External Wall without a draught.



Pulleys can be on Right or Left hand
To be "complete" requires outside air brick.
Size of Front, 11½ × 5½, 11½ × 8½, 16 × 8½, 19 × 14.

HAYWARD'S UNIVERSAL VENETIAN VENTILATORS, INLET OR OUTLET.



Plain Lattice, Pattern B.
Size of Front, 10 × 8, 12 × 10, 14 × 12, 16 × 14.

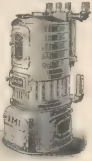
"SAFFORD" RADIATORS.

The only Right and Left Screw Nipple Connection

NO BOLTS. NO PACKING. NO LEAKS.
Tested to 120 lbs. pressure.
OVER 200 SIZES IN STOCK

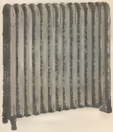
"DAISY" HOT WATER BOILER.

Being Independent, requires no Bricklayer to fix same.



"SAFFORD" RADIATORS.

The "Safford," Radiators are superior in construction to any other kind, with large unobstructed water way.



CATALOGUES AND FULL LISTS SENT ON APPLICATION.

HAYWARD BROTHERS & ECKSTEIN, VENTILATOR MANUFACTURERS,

UNION STREET, BOROUGH, LONDON, S.E.

Radiators for Hot Water & Steam Ventilating Radiators.

J. JEFFREYS,

Lathe Faced Joints for Pipes, Fresh Air & Exhaust Ventilators.

Specialist in Heating and Ventilation, and Consulting Engineer,

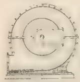
Works—Gt. Smith St.,

11, OLD QUEEN ST., WESTMINSTER, Westminster, S.W.

Late GREAT QUEEN ST, WESTMINSTER,

Heating by High and Low Pressure Steam and Hot Water.

Warm Air, Drying, Disinfecting, and Cooking Apparatus.



EXHAUST & BLOWING FAN.

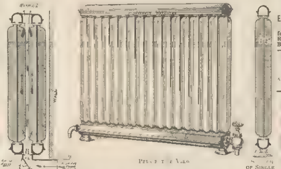
For "Plenum" or Exhaust Ventilation as being used at the Admiralty Extension Buildings.

ELECTRIC FAN & MOTOR.

For Exhaust Ventilation for Banks City Offices, Restaurants Smoking and Billiard Rooms, &c

STEAM RADIATORS, MADE IN 50 SIZES.

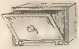
HOT WATER RADIATORS ARE MADE [illegible]



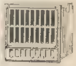
Section of [illegible] Radiator.

Perspective View.

[illegible] of Single Radiator.



IMPROVED INLET VENTILATOR



IMPROVED SILK FLAP OUTLET VENTILATOR.

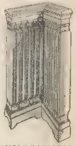
Ventilator always Open except against Down Draught, and Absolutely Noiseless.

Plan of Ventilating Radiator.

This Radiator will pass from 5 to 10 times the quantity of Warmed Fresh Air, in a given time, of the ordinary Ventilating Radiator with Internal Tubes The Etched Portion shows Air Space.

Ra[illegible] for Steam and Hot Water Heating, are now generally adopted by Architects and Engineers in preference to coils for Heating buildings by Direct Radiation, as they occupy much less [illegible], contain less water, [illegible] being ornamental, do not [illegible] casing

PEDESTAL VENTILATING RADIATOR "A." PATTERN



ANGLE RADIATOR.

SCHEMES AND ESTIMATES FREE.

AMONGST WORKS AT PRESENT IN HAND ARE—

Admiralty Extension Buildings; Public Record Office, Chancery Lane; Clergy Orphan School, Bushey; Victoria Institute, Worcester, Mr. Yarrow's Convalescent Home, Broadstairs; Niagara Hall, Westminster; Mrs. Buckmaster's Convalescent Home, Broadstairs; Theatre Royal, Brighton; Chesterfield Church; Milland Church; New Hythe Church; Catholic Apostolic Church, Westminster; Roman Catholic Church, Bow; Roman Catholic Church, Petworth; Hale's Memorial Church, Richmond; Church House, Hendon; Stafford County Technical School; High Green Manor, Northumberland; Graffham Grange, Bramley; Town Hall, Hastings; South Stoneham House; Blackheath Concert Hall; Union Bank of Australia, Cornhill, E.C.; Scottish Widows' Fund Society, Cornhill, E.C.; London and South Western Bank, Rosebery Avenue; London and South Western Bank, Clapham Road.

HENDRY & PATTISSON,

Successors to D. O. BOYD,

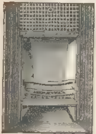
Offices & Works:—4, MARLBOROUGH MEWS, HILLS PLACE, OXFORD STREET, LONDON, W.

Telegraphic Address: "HYGIASTIC, LONDON."

Sole Manufacturers of D. O. BOYD'S

PATENT WARM AIR VENTILATING GRATES AND STOVES.

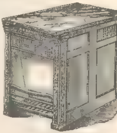
The only Ventilating Grate awarded a GOLD MEDAL at the International Health Exhibition.



D. O. BOYD'S Hygiastic Grate

THESE Grates and Stoves are specially suitable where large rooms are required to be heated efficiently, and are constructed to meet the wants for Hospitals, Workhouses, Churches, Public Halls, Libraries, School Rooms, &c., &c. They are now being extensively used all over the United Kingdom. They are very economical in consumption of coal, as the fire not only heats the existing air in the room, but also warms the pure air, which is brought around the Grate or Stove, and discharged into the room, thereby giving a greater heating power than any Grate or Stove in the Market. A large supply of pure warm air (not burnt) is brought into the room in Winter, and in Summer, cool fresh air is admitted. The air supply is controlled by Valves.

These Grates and Stoves are now being fitted in the largest Hospitals, Infirmaries, Workhouses, and Schools in the United Kingdom.



D. O. BOYD'S Hygiastic Stove.

Kindly send for full particulars, and note that we are the ONLY MAKERS of the now famous

D. O. BOYD'S HYGIASTIC GRATES AND STOVES.

FLUE PLATES.—*These are manufactured to meet the requirements of Architects who wish to get a number of Flues into a small compass, specially adapted for Ventilation by Flues.*

12" high × 9" wide, price 1/9 each. 12" high × 14" wide, price 2/3 each.

They can be made to suit any arrangement of Flues.

A few of the principal places where the "Hygiastic" Warm-Air Ventilating Grates & Hot-water Apparatus have been fitted:—

Her Majesty's Government Buildings
New South Wales ,,
Japanese Government Schools.
British Embassy, Teheran.
New Courts, London.
Prudential Assurance, London.
,, ,, Manchester.
,, ,, Liverpool.
,, ,, Portsmouth.
Eaton Hall, Chester.
University Colleges, Cambridge.
,, ,, Oxford.
Church Missionary's Children's Home.

400 Board Schools, London.
Provincial Colleges (see special list).
,, Schools ,,
Grammar Schools ,,
High Schools for Girls ,,
Clubs ,,
Private Residences ,,
Natural History Museum
City Technical Schools.
City Companies' Schools.
"Althorpe" Manor.
"Glencormac" Ireland.
Banks (special list).

Escrick, York.
Tile House, Buckingham.
Walthamstow Hall.
Chilworth Manor.
Yattenden Manor.
Gunton Park.
Normanhurst Court.
Dawpool, Liverpool.
L. & N.W.R. Co.'s Offices.
S.E.R. Co.'s Offices.
Wytham Abbey.
Mersey Railway Co.'s Offices.
Ballymena Castle.

Flixton Hall.
Adair Manor.
Dunraven Castle.
Dunstall Hall.
"Holmbush"
Batsford Mansion.
Fine Art Galleries.
Dun[illegible] Hall
Norton Park.
Westwood House.
Audley End.
"Knebworth."

A few of the principal Hospitals where the "Hygiastic" Warm-Air Hospital Stoves & Hot-water Apparatus have been fitted:—

London Hospitals, &c.
Camberwell Infirmary.
Woolwich ,,
St. Peter's ,,
Kensington Workhouse
Poplar and Stepney Asylum
Orphans' Home.
Cripples' Home.
Tooting Hospital.
Beckenham ,,
Stockwell ,,
Gt. Northern Central ,,
Women's ,,
Woolwich & Plumstead ,,
M[illegible] Memorial ,,
Paddington ,,
St. Peter's, Kilburn, ,,

Westminster Hospital.
Croydon ,,
Cancer ,,
Throat ,,
Brook (Shooter's Hill) ,,
North London ,,
London Fever ,,
Tottenham
Harrow
Chest
Wandsworth
Seamen's ,,
Willesden ,,
Homoeopathic
West Ham ,,
Hatfield Street, E. ,,

Country Hospitals, &c.
Eastbourne Infirmary
Brighton ,,
Jubilee Folkestone ,,
Sunderland ,,
Fulham ,,
Lincoln County Hospital
Gravesend & Milton ,,
Chatham ,,
Southall ,,
Croydon ,,
Port Talbot ,,
St. Andrew's Folkestone ,,
Wolverhampton ,,
Children's, Oxted, ,,
Seaford ,,
Delancey Fever ,,
New South Wales (3) ,,

Northampton Hospital.
Henley-on-Thames ,,
Warneford ,,
Leamington ,,
Rugby ,,
Rochester ,,
Hampstead County ,,
Cambridge ,,
Swansea ,,
Portsmouth ,,
Buenos Ayres ,,
St. Peter's, Woking, ,,
Wilton ,,
St. Alban's ,,
Liverpool ,,
Netherfield ,,
Grafton ,,
Surbiton ,,

Beverley Hospital.
Hastings ,,
Menston ,,
Guildford ,,
Burnley ,,
Aston ,,
Droitwich ,,
Portsmouth ,,
Hull ,,
Coventry ,,
Mansfield ,,
Walmer ,,
Tamworth ,,
Bridge of Weir ,,
Dover ,,
Taunton ,,
Sheffield ,,

HENDRY & PATTISSON will be glad to Estimate for Heating by Hot Water and "D. O. BOYD'S" Warm Air Radiators.

The Grates can now be made so that country Builders can easily fix same.

HENDRY & PATTISSON,

4, MARLBOROUGH MEWS, HILLS PLACE, OXFORD STREET, LONDON, W.

Telegraphic Address—"HYGIASTIC, LONDON."

HENDRY & PATTISSON,

(Successors to D. O. BOYD),

Office and Works—4, MARLBOROUGH MEWS, HILLS PLACE, OXFORD STREET, LONDON, W.

Sole Manufacturers of

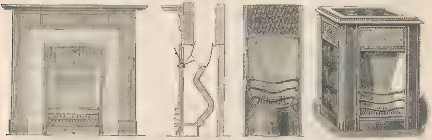
LANDER'S PATENT WARM-AIR GRATES AND STOVES.

THE LATEST, MOST POWERFUL, ECONOMICAL AND HYGIENIC GRATE IN THE MARKET.

SPECIAL POINTS CLAIMED.

1. The shape of the fire is such that no coal is wasted, because the fire is smaller at the base than at the top.
2. Above fire space the lump is thrown forward to get the best results from direct radiation, and then back to prevent choking the chimney throat.
3. A Self balancing Valve in chimney throat is provided to prevent the heat escaping into the flue.
4. A Self balancing Door under fire is fitted.
5. These Grates can burn twelve hours without attention.

NOTE—The Patent Self balancing Valve can be fitted to most of the Grates now in use, at a small cost. Architects would oblige by writing for full particulars.



HENDRY & PATTISSON,

4, Marlborough Mews, Hills Place, Oxford Street, LONDON, W.

AWARDED GOLD MEDAL, INTERNATIONAL EXHIBITION, CALCUTTA, 1884.

Awarded 61 Gold and Silver Medals and Diplomas, Seventy Thousand Testimonials and References for Successful Application

ESTABLISHED 1858.

NO GOODS GENUINE WITHOUT THE TRADE MARK AFFIXED.

VENTILATION TO PURIFY — J H — TRADE MARK

New Patent Self-acting Archimedean Screw Ventilator, for Buildings and Works.

New Patent Archimedean Screw Ventilator for Curing Smoky Chimneys.

James Howorth's New Patent Horizontal Screw Exhauster and Blower, fixed on the Wall with Elbow Square Terminal, and Self-Closing Valve.

James Howorth's New Patent Self-acting Radial Screw Ventilator for Buildings and Works.

James Howorth's New Patent Radial Screw Ventilator, for power driving.

JAMES HOWORTH & Co. Consulting and Ventilating Engineers, Victoria Works, Farnworth, nr. Bolton, and Manchester, England.

Telegraphic Address, "[illegible], LONDON."

HENDRY & PATTISSON,

Heating and Ventilating Engineers.

Offices and Works—4, MARLBOROUGH MEWS, HILLS PLACE, OXFORD SREET, LONDON, W.

B. V. CO.S PATENT.

MANUFACTURERS OF THE

B. V. Co.'s & TRUSS' PATENT VENTILATORS.

The Best and Cheapest in the Market.

PARTICULARS AS UNDER—

THESE [illegible] are [illegible] the [illegible] law of the [illegible] reflection [illegible] position [illegible] the greatest [illegible] without any moving parts [illegible] of construction, and great durability [illegible] ventilating of all [illegible] by one Ventilator

TRUSS PATENT

[illegible] are essential in all cases [illegible] with a constant supply of fresh air, and the rapid extraction of foul air, the atmosphere of any room [illegible] a pure [illegible]

We [illegible] for the ventilating of all classes of buildings.

PLEASE SEND FOR PRICE LIST.

By Special Appointment to H. R. H. The Prince of Wales.

MACKENZIE & MONCUR,

Limited,

HEATING ENGINEERS AND HOT-HOUSE BUILDERS.

HEATING. Public Buildings, Churches, Schools, Mansion Houses, Warehouses, Coach Houses, Harness Rooms, &c., Heated in most efficient manner on the Low and High Pressure Hot Water Systems, or with Steam.

Registered Office and Works: UPPER GROVE PLACE, EDINBURGH.

Branch—43, VICTORIA CROSS, GLASGOW. London Office— 8, CAMDEN ROAD, N.W

Telegrams—"HOTHOUSE, EDINBURGH." *Telephone No. 805, EDINBURGH.*

[SEE PAGE ADVERTISEMENT UNDER "HOT HOUSES," SECTION N.

THE

"TORTOISE" S.C. STOVES.

PLAIN AND ORNAMENTAL.

With and Without Boiler Attachment.

SUITABLE FOR ANY HEATING PURPOSES. From 12s. to £12.

NONE GENUINE WITHOUT THE FIGURE OF A TORTOISE.

Makers: C. PORTWAY & SON, Halstead, Essex.

Licensees for North of England: HYDES & WIGFULL, Stanley Street, Sheffield.

Architects would oblige by mentioning the source of their information when communicating with the Firms represented in "The Compendium."

VENTILATION AND WARMING.

Mr. KEY is the **ORIGINAL DESIGNER** of the methods which have made the

PLENUM SYSTEM

not only practicable but popular, and although no doubt "imitation is the sincerest flattery," no installation has ever been satisfactory—the air being tested by chemical analysis—unless designed by the original inventor.

TESTIMONIAL BY FIRM OF ARCHITECTS.

"The Heating and Ventilating is as near [illegible] PERFECT as ever can be expected to be attained; the day was foggy, yet, inside [illegible], everything was clear and bright, and the air, instead of having a depressing effect, was actually exhilarating, and draughts there were none; we went [illegible] and came back CONVERTS."

IS THE MOST PERFECT AND RELIABLE SYSTEM OF

VENTILATION AND HEATING FOR

Schools, and every Class of Building.

The air of Class-rooms renewed every five minutes in all weathers positively and without draughts. No foul air anywhere, for a school of 1,000, two million cubic feet of air impelled into it every hour. All buildings ventilated and warmed mechanically. No failures or breakdowns. *Estimates on Shortest Notice. Low working expenses.*

SIR [illegible] F. WEBSTER, Q.C., M.P.—"I would call attention to the fact that not only did the process adopted by him embody *many points of novelty* but that testimony was given to its success on a large scale."

SIR DOUGLAS GALTON, K.C.B., D.C.L., F.R.S., Vice-president of Society of Arts.—"The system is deserving of consideration for the ventilation of the Houses of Parliament."

LORD KELVIN, LL.D., D.C.L., P.R.S., *re* Victoria Infirmary.—"The ventilation is *most successful* and may well serve as a model for hospitals and for Houses of all kinds."

MATTHEWS AND MACKENZIE, Architects at Aberdeen to H.M. the Queen, [illegible] Universities, Schools, Hotels.—"We have formed a very high opinion of your qualifications and [illegible] as a consulting engineer in warming and ventilating. Your system is the most perfect mode of warming and ventilating that we have become acquainted with."

Air which has been screened, washed, warmed, and humidified, is propelled by mechanical means into every description of Buildings; renewing the air of rooms up to fifteen times per hour, in all weathers, according to the occupation, and without draughts.

WILLIAM KEY, VENTILATING & HEATING ENGINEER, CENTRAL CHAMBERS, 109, HOPE STREET, GLASGOW.

By Her Majesty's
Royal Letters Patent.

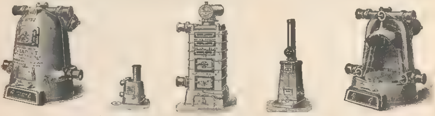
By
American Letters Patent.

KEITH'S PATENT SECTIONAL BOILERS,

"A" Type; "C" Type; "E" Type; "VIADUCT"; "CHALLENGE"; "PYTHON";

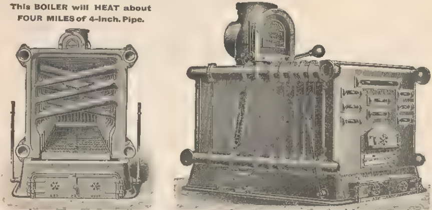
FOR HOT WATER HEATING.

Require no building work round them, are entirely Water jacketted, and Heat, respectively, from 50 feet up to 20,000 feet of 4 inch Pipe, or Square Feet of Radiating Surface. Many Thousands are in use all over the World, and the Boilers are unrivalled in power, efficiency, and economy



KEITH'S SPECIALTIES, IN THIS "AGE OF FIRSTS," "STAND FIRST."

This BOILER will HEAT about FOUR MILES of 4-inch. Pipe.



These two Engravings—"illustrate the most powerful form of Boiler that has yet been made for Hot-Water" "Circulation."—*Extract from* HOOD, *on " Warming by Hot Water," New Edition*, 1891.

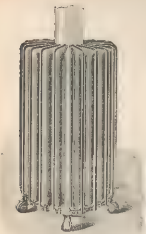
JAMES KEITH, C.E. (Assoc.M.Inst.C.E.), Gas, Hydraulic, Heating & Ventilating Engineer Expert,
LONDON—27, FARRINGDON AVENUE, and 59, FARRINGDON STREET, E.C.
(Corner, Farringdon Avenue and Farringdon St.), Close to Holborn Viaduct. Works—ARBROATH.

AWARDED TWENTY PRIZE MEDALS AT INTERNATIONAL EXHIBITIONS.

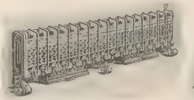
KEITH'S PATENT RADIATORS,

"Universal," "Aiolian," and Others,

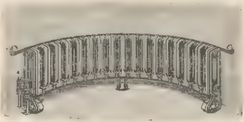
For STEAM AND HOT-WATER HEATING,

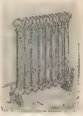


Either made in One Piece without Joints, or formed of Sections machined and Metal to Metal Jointed, without Rubber or Packing or Bolts of any kind, meet all the requirements of Heating, Sanitation, and Ventilation.

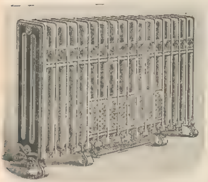


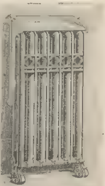
Made various heights, from 16 inches up to 46 inches. CIRCULAR, CURVED, SINGLE, DOUBLE, and Any Length.

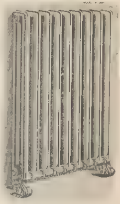




PLAIN OR ORNAMENTAL. Face Ornamentation can be slipped in or out between Sections of "Aiolian" Radiators as may be desired.







JAMES KEITH, C.E., Consulting Engineer, Specialist, Patentee, **LONDON & ARBROATH**

ORIGINAL INVENTOR & PATENTEE OF SECTIONAL RADIATORS IN EUROPE FOR HEATING & VENTILATION.

OVER THIRTY YEARS' EXPERIENCE.

KILLICK & COCHRAN,

HEATING, VENTILATING AND DOMESTIC ENGINEERS,

IRONFOUNDERS, &c., &c.,

51 & 53, SEEL STREET, LIVERPOOL.

TELEPHONE—439. Telegrams—"IDEAL, LIVERPOOL."

New Combined Heating and Ventilating **RADIATOR** for Hot Water or Steam.

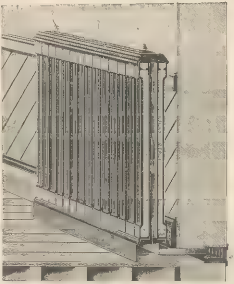
Perfect Heater and Ventilator.

No Cases or Screens Required. Ornamental in Appearance.

Applicable to any Building.

Admits Warm Fresh Air in Winter and Cool Air in Summer without Draughts.

Made in Different Sizes to suit Various Positions.



Specially Suitable for Churches and Chapels, Mission Rooms, Lecture Halls, and Schools, Public Institutions, Mansions, Private Residences, &c., &c.

Occupies little space, but has a Large Radiating Surface, and Passage for Fresh Air through Centre of each Tube.

Contains little Water, thus ensuring Rapid Circulation with Saving of Fuel.

Prices from 10/6 per Tube, Heating Surface from 13 square ft. to 22 square ft. per lineal foot.

Makers of Specialities in Heating Apparatus for all kinds of Public Buildings, Churches, Mansions, &c., by Hot-Water (either large or small pipe systems) and Steam.

New Steam Hot-Water Generators for Heating, Hot Water Service, Tea Making, &c.

Kitchen & Co., Ltd.

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Nat. Telephone 100.

DERBY.

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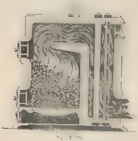
A COMPLETE SUCCESS.

HEATS WELL. SAVES FUEL.
CIRCULATES QUICKLY.
SAVES TIME. SAVES SPACE.
STANDS HEAVY PRESSURES.

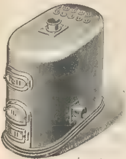


PRICE LIST.

THE MOST POWERFUL BOILER ON THE MARKET.

No.	Dimensions [illegible]	Heating Power [illegible]	Price.	[illegible]
	H. W. D.	4 in. pipe.	£ s. d.	
1	27×27×36	750	30 0 0	Sea
2	[illegible]	1 000	[illegible]	[illegible]
3	[illegible]	1 250	[illegible]	Seam
4	[illegible]	1 500	[illegible]	Seaman
5	[illegible]	1 750	[illegible]	Seance
6	[illegible]	2 000	[illegible]	Seaport
7	[illegible]	2 250	[illegible]	Search
8	[illegible]	2 750	[illegible]	Season
9	[illegible]	3 250	[illegible]	Seasonable
10	[illegible]	3 750	[illegible]	Seat
11	[illegible]	4 250	[illegible]	[illegible]
12	[illegible]	4 750	[illegible]	Seclusive
13	[illegible]	5 500	[illegible] 0 0	Secrete

THE MOST ECONOMICAL BOILER YET INVENTED.



ELEVATION.

EQUALLY SUCCESSFUL WHEN ARRANGED FOR

LOW PRESSURE STEAM HEATING.

SEND FOR OUR CATALOGUE,

Containing Simple and Complete Telegraphic Code.

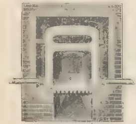
Section devoted to Specialities of an interesting character.

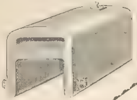
WELL PRINTED, WELL BOUND, WELL ARRANGED, IN FACT,

THE HANDIEST LITTLE BOOK YET OUT.

Established 1745.

HEATING ENGINEERS.





IMPROVED "MILLGATE" BOILER,
The most Economical Boiler in the Trade.

LEECH BROS. & Co.

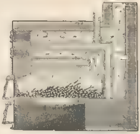
LOW PRESSURE,
HOT-WATER and STEAM
APPARATUS,
HOT-WATER
SUPPLY.

Telegrams—
"LEBROYLE."

Telephones—
National, 891. New, 648.

VENTILATING,
HOT-WATER AND
STEAM RADIATORS.

SCREWED JOINTS. NO RUBBER, or
PERISHABLE MATERIAL USED.



IMPROVED "MILLGATE"
BOILER.

Plans and Estimates submitted on application.

CANNON STREET IRON WORKS and 20 and 22, OLD MILLGATE,
MANCHESTER.

TELEGRAMS "LLOYDS" BIRMINGHAM

TRADE MARK L & L

TELEPHONE NUMBER 282

TRADE MARK L & L

LLOYD & LLOYD

ALBION TUBE WORKS, BIRMINGHAM; AND COOMBS WOOD TUBE WORKS, HALESOWEN.

WAREHOUSES

LONDON, MANCHESTER, AND LIVERPOOL.

LARGE STOCK OF BOILER TUBES KEPT AT CARDIFF.

WROUGHT IRON WATER TUBES,

Black or Galvanized, of High-class Quality, and tested by Hydraulic Pressure.

PERKINS' HOT WATER TUBES,

For the Small Bore High Pressure Heating System, Furnace Coils, and all Accessories for same.

Tested to 4,000 lbs. pressure per square inch.

HYDRAULIC TUBES & FITTINGS,

For Lift and Ram Purposes.

THE SOCKET OF EVERY TUBE AND EVERY FITTING IS STAMPED WITH THE WELL-KNOWN "L & L" TRADE MARK,

which should always be specified.

LAPWELDED WROUGHT IRON AND STEEL TUBES FOR MARINE, LOCOMOTIVE, & STATIONARY BOILERS.

Wrought Iron Tubes & Fittings for Gas, Steam, and Water, Screwed or Flanged, about 2,000,000 feet always in stock.

OIL LINE PIPES.—SPECIAL LIGHT LAPWELDED FLANGE TUBES.

COILS OF ALL DESCRIPTIONS FOR HEATING AND OTHER PURPOSES.

LUMBY, SON & WOOD,

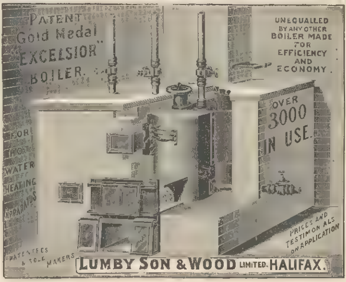
LIMITED,

WEST GROVE BOILER & SAFE WORKS,

HALIFAX, ENGLAND.

PATENT GOLD MEDAL EXCELSIOR BOILER

CHEAPER THAN ANY OTHER PATENT BOILER.



CHEAPER THAN ANY OTHER PATENT BOILER.

Not one Failure in Efficiency & Economy.

SAVING IN FUEL 15 to 20 per cent.

50 PER CENT. LESS ATTENTION THAN ANY OTHER BOILERS.

Write for Prices and Testimonials before specifying any other Boiler.

ESTABLISHED 1850

By Special Appointment to Her Majesty the Queen.

Telegraphic Address: "GLASSVENTS, LONDON."

MOORE'S

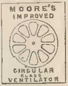
PATENT IMPROVED GLASS VENTILATORS,

Sekforde Works, St. James's Walk, Clerkenwell Green, London, E.C.

MOORE'S PATENT AND IMPROVED Louvre Ventilators are generally acknowledged to be the simplest and best means of Ventilation. All Ventilators are stamped on bottom of frame "MOORE'S PATENT," WITH QUALITY, and are of highest class workmanship.

MOORE'S Improved Circular and Sliding Glass Ventilators. Attention is particularly called to the UNIFORMITY IN SIZE AND SHAPE OF HOLES, excellent finish, also to promptitude in execution of all orders.

LATEST PRICE LISTS ON APPLICATION



MOORE'S PATENT IMPROVED GLASS LOUVRE VENTILATORS

The advantages derivable from these Ventilators are: Perfectly free circulation of air, no obstruction of light, simplicity of action, and facility of regulating the opening to any degree by means of a single cord, and are self-closing. They are fitted together with screws (enabling any part to be disconnected if desired), and are readily fixed to most forms of sashes.

Important improvements have been made in both 1st and 2nd qualities, which make the VENTILATORS durable and certain in their action, as shown by the following description:—

No. 1 QUALITY (for Strength and Durability).—Brass Frames, Cast Brass Levers, Improved Metal Springs (for closing), Polished Plate Glass, Edges Rounded and Polished.

No. 2 QUALITY.—Zinc Frames, Cast Brass Levers, Improved Metal Springs (for closing), Patent Plate Glass, Edges Rough Ground.

No. 3 QUALITY (for temporary use only).—Zinc Frames, Zinc Levers, India Rubber Springs, Sheet Glass.

MOORE'S IMPROVED CIRCULAR GLASS VENTILATORS,

ALSO SLIDING GLASS VENTILATORS.

These Ventilators are manufactured in Polished Plate of any size, either Plain or Ornamental, also in 32 oz. and 26 oz. Sheet Glass, and are finished in a superior manner; they can be fitted to any size plates without removal of Glass from Sash by sending it to the Works, and can be completed *the same day by previous arrangement*. The risk in cutting these Ventilators is taken by the Manufacturers. The Circles are usually from 4 to 10 inches in Diameter, according to size of square; larger sizes extra.

In Polished Plate Ventilators, JOSIAH MOORE & SONS in all cases use POLISHED PLATE CIRCLES.

In ordering these Ventilators, the description of Glass required, and the Height and Width in Rabbets must be distinctly stated; also, if the Circles are desired in any particular position, such should likewise be mentioned, as the Manufacturers will not be answerable for errors in same if such are omitted.

For Church or other windows, where Leaded Lights are used, the Ventilators can be made to correspond with the remainder of window.

MOORE'S PATENT IMPROVED GLASS LOUVRE VENTILATORS

No. 1 Quality, Brass Frames, Cast Brass Levers, &c., Polished Plate Glass Louvres, Edges Rounded and Polished.

in.	in.	£	s.	d.	in.	in.	£	s.	d.
6 ×	12	1	0	0	12 ×	30	2	5	4
9 ×	12	1	2	4	18 ×	18	1	19	2
12 ×	12	1	5	0	18 ×	24	2	8	4
12 ×	15	1	8	4	18 ×	30	2	13	6
12 ×	18	1	12	0	24 ×	24	2	13	6
12 ×	21	1	18	5	24 ×	30	3	0	6
12 ×	24	1	19	2					

But are made to any given size.

For other qualities, see detailed tariff upon application to the manufacturers.

(For these "Louvre" Ventilators, "Sight" measure is required.)

MOORE'S IMPROVED CIRCULAR GLASS VENTILATORS.

From 4 to 9 or 10 inches diameter, according to size of square, including glass.

Superficial Measurement.		26 oz. Sheet. s. d.	32 oz. Sheet. s. d.	Polished Plate. s. d.
1 ft. 0 in.	each	14 0	15 0	17 0
1 " 6 "	"	18 0	16 6	22 0
2 " 0 "	"	22 0	24 0	27 0
2 " 6 "	"	25 6	29 0	31 6
3 " 0 "	"	29 0	32 0	36 0
3 " 6 "	"	32 0	35 6	40 0
4 " 0 "	"	35 0	39 0	44 0
5 " 0 "	"	40 0	45 0	50 0
6 " 0 "	"	42 0	49 0	56 0

Intermediate sizes in proportion.

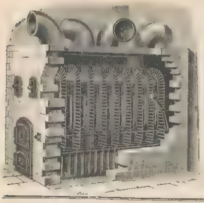
(For these "Circular" Ventilators, "Rabbet" measure is required.)

Window Casements in Copper, Gun Metal, Brass, and Iron.

JOSIAH MOORE & SONS,

Sekforde Works, St. James's Walk, Clerkenwell Green, London, E.C.

Progressive Works
Murdoch & Cameron,
Bath · Contractors, · Art
Metal Workers &
Heating Engineers.
Charles Street,
Glasgow.
London Office,
23 Bucklersbury E.C.
Improved Drying Horse
Public Baths
Public Washing House
Laundry Dressing Room



MUSGRAVE'S PATENT WARM-AIR HEATING AND VENTILATING APPARATUS.

Thoroughly efficient & very Economical.

Extensively used in Churches, Schools, Public Halls, Private Mansions and Turkish Baths.

"The 5 Warm-Air Apparatus of your manufacture give unqualified satisfaction."—Rev. W. R. FINCH, *Duke of Northumberland Estate Schools.*

SUCCESS IN EVERY CASE GUARANTEED.

Illustrated Catalogues and Estimates free.

MUSGRAVE'S PATENT WARMING & VENTILATING "ULSTER" STOVES.

MUSGRAVE'S HOT WATER HEATING APPARATUS.

On the "Small Pipe" High Pressure, and "Large Pipe" Low Pressure Systems. Success in every case guaranteed.

ESTIMATES FREE.

MUSGRAVE & CO., LIMITED, 97, NEW BOND ST., LONDON, W.

Ann Street Iron Works, Belfast. 40, *Deansgate, Manchester.* 240, *Rue de Rivoli, Paris.*

FREDERIC W. BARKER,

(A.M.Inst.M.E.)

Ventilating, Warming, and Consulting Engineer.

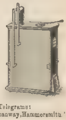
Design Registered No. 106 968

By Her Majesty's Royal Letters Patent.

BARKER'S NEWEST PATENT AUTOMATIC AIR-EXTRACTING VENTILATOR & IMPROVED SYSTEM OF VENTILATION.

The "Small Bore Hydraulic" Heating Apparatus.
Also Improved Low Pressure, & Radiators.

ESTIMATES, PRICE LISTS, AND PARTICULARS FREE



33A, BROADWAY, HAMMERSMITH, LONDON, W. Telegrams: "Barker Broadway, Hammersmith."

Architects would oblige by mentioning the source of their information when communicating with the Firms represented in "The Compendium."

VENTILATION.

AUTOMATIC, POSITIVE AND MECHANICAL.

THE NORTHERN VENTILATING COMPANY,

28, Deansgate, MANCHESTER.

Tobin Tubes and Wall Panel Air Inlets.
Muffled Mica Flap Exhaust Ventilators.
Exhaust Ventilators of Various Types.
The Positive Inducer for Calm Weather.

Estimates Given for
- DOMESTIC VENTILATION,
- OFFICES AND WAREHOUSES,
- CLUBS, HOTELS AND BILLIARD ROOMS,
- SCHOOLS,
- CHAPELS,
- CHURCHES,
- PUBLIC BUILDINGS.

INFORMATION AND CATALOGUES ON APPLICATION.

ESTABLISHED 1848.

HEATING BUILDINGS by HOT WATER or STEAM.

References. New Royal College of Music, South Kensington, London. Railway Works 700 Feet in Length, at Newcastle, also at York, Etc. The Coliseum, Fine Art Galleries, Higher Grade Schools, Parish Church Schools, Mechanics' Institute, Etc., Leeds. The Palace, Ripon, and hundreds of others in all parts of England.

POSITIVE VENTILATION BY EXHAUSTION.

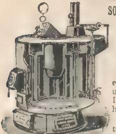
(OLDROYD'S PATENT SYSTEM.)

An absolute, definite, and complete change of air without draught, is guaranteed in all cases. (See Local Government Report.) Also (see Large Co-operative Stores at Leeds), many Board Schools, &c.

EDWIN OLDROYD & Co., Ld.,

ENGINEERS, CROWN WORKS, LEEDS.

EDWIN OLDROYD, A.I.E.E., F.I.I., Managing Director.
HENRY H. JENNINGS, M.I.M.E., Works Manager.
RICHARD MENNELL, Secretary.



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BOILERS.

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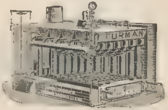
This boiler is the most powerful ano economical ever invented. Users give unbounded expressions of satisfaction Its success is unqualified. Its behaviour is inimitable.

FOUR of these Boilers were use to heat the **WORLD'S FAIR** a **CHICAGO.**



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Splendid Designs, Perfect Circulation,
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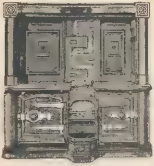
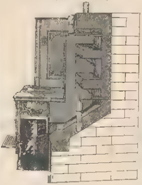
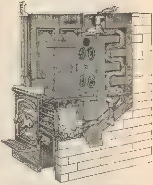


No. 3 BOILER FITTED TO RANGE.



No. 1 BOILER & RISING BOTTOM FITTED TO RANGE.



RANGE WITH TOP FEEDER IN POSITION FOR NIGHT USE.

POTTERTON'S PATENT ZIG ZAG BOILERS are the most powerful Range Boilers ever invented. They are suitable for supplying very large quantities of hot water, or warming houses in connection with Domestic Supply. Write for Catalogue.

T. Potterton's Treatise, "A Practical Guide to Warming Houses from the Kitchen-fire by Low Pressure Hot Water, on the One Pipe System, in conjunction with the Domestic Supply," 48 illustrations of Plans, Apparatuses, etc., Price 1s. 6d ; post free, 1s. 9d.

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IMPORTANT.—By means of a new arrangement which has formed the subject of a recent Patent the furnace can be placed on the Ground or on any Floor of the building to be warmed. **No Stokehole is required.** Can be seen at work at our

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SMALL PIPE SYSTEM.
MECHANICAL VENTILATION.
Induced Current and Plenum Systems.
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WITH SCREWED JOINTS.

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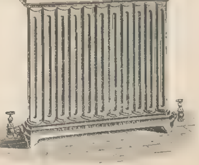

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ADVANTAGES.

GOOD APPEARANCE

CHEAPNESS.

LIGHTNESS compared to Wood Turrets

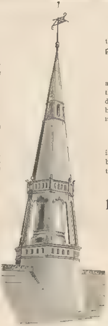
EFFICIENCY.

DURABILITY.

Can be made to almost any design.

Can be fixed on existing buildings with very little labour.

Designs Registered.



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ADVANTAGES.

Can be fixed in the most exposed positions with safety.

These Turrets are so constructed that in whatever direction the wind is blowing, their action is even and constant

Down Draught is rendered impossible by the construction of these Turrets.

DESIGN No. 4.

When our Ventilating Turrets or Outlets are used in conjunction with our Ventilating Sunlights for the outlet of vitiated air, and Tobin's Tubes or other efficient means of inlet are provided, a good system of ventilation is certain to result.

This has been demonstrated again and again.

DESIGN No. 6.

PRICES.

Size of Tube or Pipe	Size outside	No 1 and No [illegible]			No. 4 and No [illegible]			No		
in		£	s	d	£	s.	d	£	s.	d
6	12	[illegible]	15	0	[illegible]	12	[illegible]	6	6	0
9	18	10	[illegible]	0	9	18	0	9	[illegible]	0
12	24	13	10	0	14	4	0	12	[illegible]	0
15	30	17	5	[illegible]	16	10	0	15	[illegible]	0
[illegible]	36	20	[illegible]	0	19	16	0	[illegible]	18	[illegible]
24	[illegible]	[illegible]	12	0	26	8	0	[illegible]	4	0

ALL OUR TURRETS are constructed on the latest and best scientific principles, and although we have the largest stock of designs extant, we are always willing to make designs to suit any style of Architecture, or to faithfully carry out the Architects' own design We often do this.

DESIGN No. 7

We are always glad to send experienced men to consult, advise, and estimate cost.

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Registered Designs.

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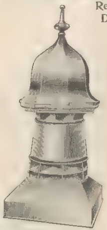


DESIGN No. 21.

DESIGN No. 24.

DESIGN No. 25.

OUR EXHAUST ROOF OUTLETS.

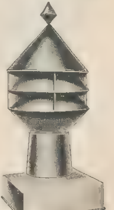
We have fixed many hundreds of these Outlets, and we have received from all sides testimony of their efficiency durability, and real cheapness, and we can thoroughly recommend them for Workshops, Mills, Warehouses, Stables, Public Halls, and every description of building where Ventilation is required.

PRICES OF OUR EXHAUST ROOF OUTLETS.

DESIGN No. 22.

PLEASE NOTE

All Goods delivered free of cost to any Station in the United Kingdom. Crates and Packing Cases charged extra, but credit given when returned.



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ALL our Goods are made by Experienced Workmen, and of the Best Materials.

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LIGHTING, VENTILATING, WARMING & ELECTRICAL ENGINEERS.

REGISTERED DESIGNS.

Ventilating Sunlights.

DESIGN No. 98.

These "Sunlights" are intended for every class of Building, and are constructed in such a manner that the same amount of Gas, or less, gives a greater illumination, and at the same time, by utilising the heat generated, a perfect & regular current of Air is caused to pass through the room without draught, thus securing the Best System of Ventilation without the expenditure of a greater quantity of Gas than by the old methods of lighting

The heated fumes and products of combustion are thus utilised and carried off along with the vitiated air through tubes fixed in the ceiling, and which should be connected with one of our "Exhaust Outlets or Turrets"

DESIGN No 96

DESIGN No. 93.

DESIGN No. 80.

DESIGN No. 81.

DESIGN No. 79.

PRICES.

No. of Burners.	No. 79 & 80.	No. 81	No. [illegible]	No. [illegible]
	£ s d	£ s d.	£ s d.	£ s. d
3 or 4	3 17 0	1 13 0	..	..
6	3 [illegible] 6	1 18 6	..	..
8	4 [illegible] 3	2 4 0	..	..
10	5 15 6	2 9 6	6 12 0	7 3 0
12	6 [illegible]	2 15 0	7 8 6	7 19 6
[illegible]	..	..	8 5 0	8 16 0
[illegible]	.	..	9 [illegible] 6	10 7 6
20		.	10 9 0	11 0 0
24		.	1[illegible] 2 0	12 13 0

These SUNLIGHTS have been fixed in Churches and Chapels of all denominations.

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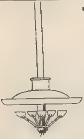
THE PICKUP PATENT GAS LIGHT

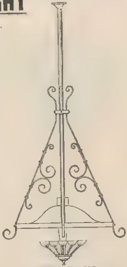
The Reflector is always WHITE in Use.



DESIGN No. 111. (Plain).

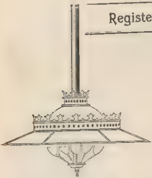
A Soft, White Light, requiring no attention, and not liable to get out of order.

The maximum of Light combined with the minimum of Gas consumption.

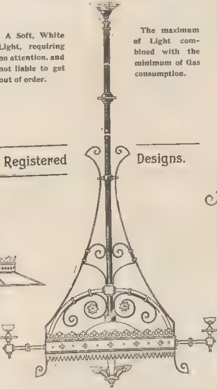


DESIGN No. 117

Registered Designs.



DESIGN No. 113



DESIGN No. 122.
With four projecting arms, one burner on each arm

Ornamental Couplings can be supplied for lengthening the Pipes when required for lofty rooms.
Ball Joints, Lever Taps and other Fittings charged extra.

No. of Burners	Design 111	Design 113	Design 117	Design 122
	£ s d	£ s d	£ s d	£ s d
3	[illegible]	4 6	1 5 0	
4	6 0	[illegible] 0	1 10 0	
6	17 6	1 10 0	2 0 0	
8	1 2 6	1 5 0	2 5 0	
10	1 7 6		2 18 0	8 5 0
12	1 12 0		3 1 6	8 10 0
14	1 17 6		3 18 6	9 2 6
16	2 2 6		4 1 6	9 5 0
20	[illegible]		5 10 0	10 10 0
24	3 17 0		7 2 6	11 5 0

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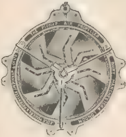

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For the Effective Ventilation of Theatres, Concert Halls, Colleges, Technical Schools, Smoke Rooms, Restaurants, Offices, Private Residences and any building where Electricty is or can be employed,

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"Pickup" Air Propeller:	£4	£6	£7	£8	£11	£15	£18	£22	£27	£32	£44
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TOBIN'S INLET TUBES.

No. 64.

No 62.

TOBINS TUBE'S & QUADRANT.

TOBIN'S TUBES. Design No.	Size.	Price.	QUADRANT INLETS WITH BAFFLING PLATES.
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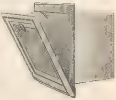
Special quotations on application for any size or design of Inlet Ventilators.

QUADRANT INLET VENTILATOR.



Design No. 46.

We supply every description of Inlet and Outlet Grids, Flue Outlets, Silk and Mica Flaps, Grids, Louvre Grids, Ceiling Grids, in any Metal.

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A CHEAP STRONG BRACKET,
PRICE **3/-**
Holder .. 2 1
Lamp .. 1 9
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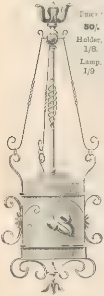

PRICE **50/.**
Holder, 1/8.
Lamp, 1/9

No. 2,000.

PRICE **55/-**
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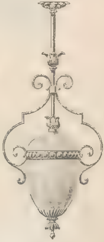
Lamp, 1/9
Shade, 1/6

No. 2,886. **ELEGANT BRACKET. ONE-FIFTH SIZE.**



PRICE **£1 5s.** Holder, 1/8, Lamp, 1/9.

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STRONG USEFUL HANGING LAMP FOR EXPOSED POSITIONS.

Estimates on application for ALL KINDS OF ELECTRICAL WORK.

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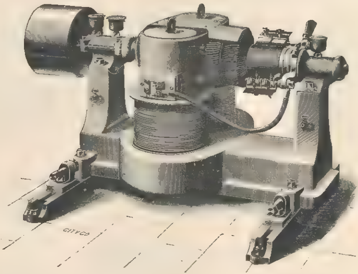

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Self-Acting Air Propeller Ventilator.

Price Lists Free on Application.

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PERFECTLY NOISELESS.

View of Propeller looking through the Ventilator.

Can be made to harmonise with any kind of Architecture.

The novelty of this Ventilator is its having Wind Cups fixed on a Spindle at the top of Cone On this Spindle is also fixed an Air Propeller, inside of the Ventilator and is made to revolve by the Wind Cups at the top This Ventilator will do the work of any two Ventilators of the same size

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Hot Water Warming (High or Low Pressure System.)

RADIATORS FOR HOT WATER & STEAM.

DEFECTIVE APPARATUS CURED.

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PATENT SELF-ACTING EXHAUST VENTILATOR,

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Is the most Perfect and Powerful Air-Pump in the Market. It is pronounced by all who have seen or used it to be the best yet brought out. It is made on an entirely new principle, which provides for the absolute and perfect protection of the vitiated air from being checked by cross or down-blowing winds, and **prevents all down-draught, rain or snow**—no matter at what angle either strikes Ventilator—**from entering any building**. It can be made to suit any style of building and to any desired shape, and it is applicable for the efficient ventilation of Halls, Churches, Schools, Dwelling-Houses, Drying-Houses, Stables, and Buildings generally; also Sewers, Soil-Pipes and Drains.

It is Manufactured Solely by

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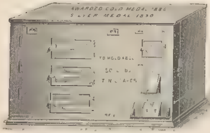
MECHANICAL VENTILATION ON THE MOST APPROVED PRINCIPLES.

LOW PRESSURE HOT WATER HEATING APPARATUS.

Ritchie's Patent Portable Triple Decker Continuous Baking and Cooking Steam Oven.

Recommended for the use of Bakers & Japanners, also Hotels, Public Institutions, Ships, &c.



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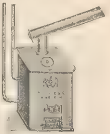

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CAN BE ADAPTED TO ANY BUILDING REQUIRING ARTIFICIAL HEAT. HUNDREDS OF TESTIMONIALS.

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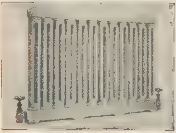
LOW PRESSURE HOT WATER.



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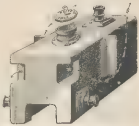
IRON OR COPPER BOILERS FOR HEATING OR FOR HOT WATER SUPPLY.

INDEPENDENT OR IN BRICKWORK.

BEST WORKMANSHIP.



STEAM HEATING

SAUNDERS'S PATENT "DEPENDONT" RETURN TRAP OR BOILER FEEDER.

Takes up the water of condensation in Coils, Cooking Pans, Etc., and puts it back into the Boiler against any pressure.

N.B.—Quickly saves its own Cost in Water and Fuel.

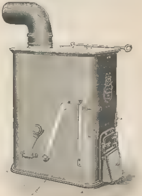
SMALL TUBE HOT WATER.

With Latest Improvements, Pumping Valves, Safety Vents, &c.

CROSS SECTION WITH 24 TUBES.

Established 1879.

Highest - -
- - References.



PAMPHLETS, ESTIMATES, CIRCULARS.

ERNEST SCOTT & MOUNTAIN, LTD.,

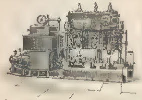
Electrical and General Engineers,

NEWCASTLE-ON-TYNE.

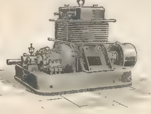
ELECTRIC LIGHTING.

ENGINES, DYNAMOS, MOTORS.

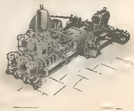
(ADMIRALTY TYPE)
COMBINED ENGINE & DYNAMO.



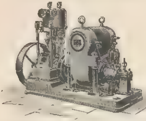
"TYNE" (ADMIRALTY TYPE) DYNAMO.



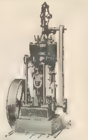
ELECTRIC PUMPING PLANT.



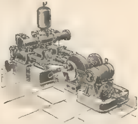
COMBINED ENGINE & DYNAMO.



VERTICAL ENGINE.



ELECTRIC PUMPING PLANT.



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MANUFACTURERS OF PLANT & MATERIAL FOR

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Transmission of Power by Electricity, Electro Plating and Depositing

Complete Installations for Mills, Factories, Collieries, Ironworks, Mansions, Private Houses, and Public Buildings. Ship Lighting and Search Light Plants. Electrical Hauling and Pumping Plants. Electrical Cranes, Hoists, Lifts, Fans, &c

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(Continuous & Alternating Current.)

Arc & Incandescent Lamps.
Electric Light Fittings & Accessories.

ELECTRIC COAL CUTTER.

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Telegraphic Address—
"ESCO," Newcastle-on-Tyne.

Engineering Specialities.

HIGH SPEED & STEAM ENGINES,

Combined Air & Circulating Pumps, Admiralty Pumps, Forced Draught and Ventilating Fans, Gun Metal and Brass Castings. Hydraulic Pumps & Machinery.

Complete Installations of Electric Welding Plant, on the Bernardo and other Patented Systems, for Steel Founderies, Boiler Works, &c.

JAMES SLATER & Co.,

HOLBORN ENGINEERING WORKS,

251, High Holborn, London, W.C.

Telegraphic Address—"TRIAD, LONDON." Telephone, No. 2,715.

By Special Appointment to Her Majesty The Queen. *By Special Appointment to H.R.H. The Prince of Wales.*

COOL KITCHENS.

Patented Cooking Apparatus for working by Gas, Steam, or Water.

"Judged by the principles of their design, the quality of workmanship or materials, they are not only unequalled, but unapproached by any others in the market."

Special Features:

LOWEST ANNUAL COST FOR WORKING, GREATEST COMFORT, CONVENIENCE, AND FREEDOM FROM REPAIRS.

Examples of our Apparatus are at work, and giving the greatest satisfaction, at the following, amongst other places, viz.:-

Buckingham Palace
Marlborough House, for H.R.H. The Prince of Wales.
Arundel Castle, the Seat of His Grace the Duke of Norfolk, E.M.
Grosvenor House, the Residence of His Grace the Duke of Westminster
Park Lane, the Residence of the Countess of Grosvenor.
The Countess of Essex, 9, Belgrave Sq.
Earl of Ilchester
Lord Hillingdon, Camelford House.
Sir E. Colebrook.
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St. John's College, Cambridge.
Emmanuel College, Cambridge.
Christ's College Cambridge.
Messrs Glyn, Mills, Currie & Co., London.
Albany Hotel, Hastings
Bailey's Hotel, London
South Kensington Hotel, London.
Hotel Victoria, London
Savoy Mansions Hotel, London
Marshall Thompson's Hotel, London.
Grand Hotel, Hastings.
Royal Hotel, Guernsey.
Grosvenor Hotel, Chester.
Queen's Hotel, Chester
The National Liberal Club, London.
The University Club, Edinburgh.
Scottish Conservative Club, Edinburgh.
New Club, Edinburgh
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Great Eastern Railway, Dining Saloon Cars.
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Messrs. Howell, James & Co., London
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Messrs. James Shoolbred & Co., Lond.
Messrs. Peter Jones & Co., London
Messrs. Harvey Nichols & Co., Lond.

LIGHTING by Gas or Electricity. WARMING by Water, Steam, or Air.

NOTE.—Our system of supplying the hot water for Baths, &c., as also for warming purposes by means of the exhaust steam usually wasted, is well worthy of attention as a source of great economy; we have carried it out in many of the above named places, and it gives the greatest satisfaction. Hot water when and where wanted, always ready in abundance.

General Engineering:

HIGHEST QUALITY STEEL STEAM BOILERS AND ENGINES FOR FACTORIES, ELECTRIC LIGHTING, &c.

SPECIAL DESIGNED MACHINES for NEW MANUFACTURES. STEAM PUMPS of VARIOUS TYPES.

BRASS, GUNMETAL, & BRONZE FOUNDERS.

SHORLAND'S PATENT WARM AIR VENTILATING
MANCHESTER GRATE,
WITH IMPROVED PROJECTING BACK.

MADE IN EVERY SIZE AND DESIGN.

Largely in use in Schools, Hospitals, Asylums, Banks, Infirmaries, Private Houses, &c., throughout the Kingdom.

SUCCESS GUARANTEED.

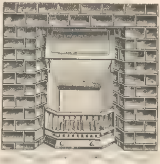
MANY THOUSANDS IN USE.

No. 101 Design [illegible] Manchester Grate.

[illegible] of Grate Front [illegible]	36 [illegible]	[illegible]	[illegible] each	£4 7 0
"	36	36	[illegible]	5 7 0
"	40	40	10 [illegible]	6 17 0
"	42	42	[illegible]	8 17 6
"	42	42	[illegible]	10 7 [illegible]

No. 10[illegible] Design, Patent Manchester Grate
With Interior Front Tiled Cheeks Extra.

No. 1 Size,	Best Finish Berlin Black	£6 0 0
No. 2 Size,	Ditto	7 0 0
No. 3 Size,	Ditto	7 15 0
No. 3a Size	Ditto	10 0 0



No. [illegible] Design, Patent Manchester Grate
With Slabbed Tiled Cheeks and Freeze as shown, or Briquettes in any colour, Best Finish with Tiles or Briquettes, as shown.

No. 1 Size.	£8 0 0
No. 2 Size.	9 0 0
No. 3 Size.	9 15 0
No. 3a Size.	12 0 0

New Illustrated Catalogue, Estimates, &c., Free on Application.

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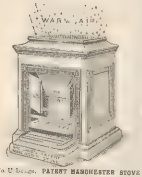
TELEGRAPHIC ADDRESS—"WARMING, MANCHESTER." NATIONAL TELEPHONE, No. 2188.

SHORLAND'S PATENT WARM AIR VENTILATING OPEN FIREPLACE

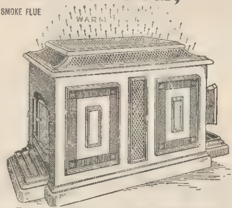
MANCHESTER STOVE,

WITH ASCENDING OR DESCENDING SMOKE FLUE



No. U Design. PATENT MANCHESTER STOVE

Success Guaranteed.



No R Design DOUBLE FRONTED PATENT MANCHESTER STOVE.

Prices of Patent Manchester Stoves.

Shorland's Patent Combination Open Fireplace Warm Air Generating "Manchester Stove, with pedestal and [illegible] with flute down-draught pipe for descending smoke flue, with moulded stand, double door, cast ash pan, &c. :—

Size at base over all, 40 in. wide by 36 in. deep by 46 in. high, No. U 1 to warm 30,000 cubic ft. of space, best finish, each £27.

Size at base over all, [illegible] in. wide by 36 in. deep by 44 in. high, No. U 2, to warm [illegible] cubic ft. of space, [illegible], each £[illegible]

Size at base over all, [illegible] in. wide by [illegible] deep by 44 in. high, No. U 4, to warm [illegible] cubic ft. of space, best finish, each £[illegible]

Size of base over all, [illegible] deep by [illegible] high, No. U [illegible] to warm [illegible] cubic ft. [illegible]

Also made in a plainer and cheaper form at the following prices :—

[illegible] in. wide by 30 in. deep by 42 in. high, No. J 1, to warm 30,000 cubic ft. of space, £14 10s.

[illegible] in. wide by 30 in. deep by 42 in. high, No. J [illegible], to warm 18,000 cubic ft. of space, £11 10s.

26 in. wide by 28 in. deep by 40 in. high, No. J 5, to warm 10,000 cubic ft. of space, £[illegible]

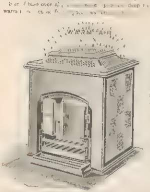
SHORLAND'S PATENT OPEN FIREPLACE

DOUBLE-FRONTED MANCHESTER STOVE.

With Ascending or Descending Smoke Flues.

Warm Air Generating Chamber, Moulded Stand, Double Doors, and [illegible]

No. [illegible] best finish, £48. No. R [illegible] best finish, £40. No. R [illegible], best finish, £28

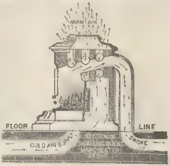


[illegible] the following [illegible]

[illegible] Burton-on-Trent, [illegible], Chertsey, [illegible] Devonport, [illegible] Liverpool, [illegible] London (Paddington [illegible]) Low [illegible], Mirfield, Northampton, [illegible], Plymouth, Richmond, Stockton-on-Tees, Tunbridge Wells, Wallsend, [illegible], Watford, Wides, Wigan, [illegible], &c.

[illegible] Workhouse Infirmaries [illegible]

Birmingham, [illegible], Coventry, Dartford, Dewsbury, [illegible], Guildford, Guisbro', Hull, Lichfield, Liverpool (Toxteth), Liverpool (West Derby), Mildenhall, Oldham, Pontefract, Walsall, &c., &c.



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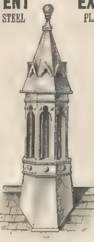
SHORLAND'S PATENT EXHAUST ROOF VENTILATORS.

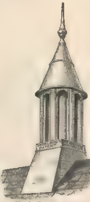
MADE OF THE BEST ROLLED STEEL PLATES, GALVANISED AND PAINTED WITH ENAMEL PAINT.

No. A Design.



No. 17 Design.

No. 122 Design.



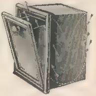
No. G Design.

DESIGN A. In best Rolled Steel Plates, Galvanised and Painted with Enamel Paint.

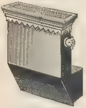
10-in. dia.	4-in. pipe	£0 19 0	18 in. dia.	9-in. pipe	£3 0 0	30 in. dia.	15-in. pipe	£6 16 0
12 "	6 "	1 6 6	20 "	10 "	3 12 0	36 "	8 "	8 14 [illegible]
14 "	7 "	1 [illegible] 6	24 "	12 "	4 15 6	42 "	21 "	10 16 0
16 "	8 "	2 7 6	27 "	13 "	5 9 6	54 "	27 "	16 16 0

SHORLAND'S PATENT CONCEALED ROOF VENTILATORS, RIDGE VENTILATORS, AND SOIL PIPE VENTILATORS.

No. 2 Design.

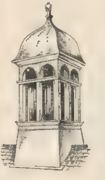


No. 23 Design.



No. [illegible] Design.

No. [illegible] Design.



No. 123 Design.

No. 124 Design.

SHORLAND'S IMPROVED VERTICAL INLET TUBES, BRACKETS, AND PANELS, FROM 6s. 6d. EACH COMMONLY CALLED TOBINS).

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E. H. SHORLAND AND BROTHER
DOUBLE FRONTED HOSPITAL STOVE
SHORLAND'S
PATENT EXHAUST ROOF VENTILATORS
MADE IN EVERY DESIGN TO SUIT STYLE OF ARCHITECTURE
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WARMING AND VENTILATING ENGINEERS
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MANCHESTER
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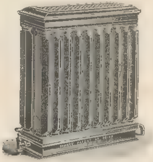
LIONEL H. TEALE,
R. MOUSLEY SOMERS, } Sole Partners.

HOT WATER & STEAM HEATING & VENTILATING APPARATUS.

PATENT RADIATOR.

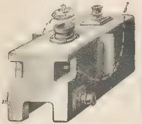
FOR HOT WATER OR STEAM.

VENTILATING RADIATOR.
With Dust and Dirt Excluding Screen.



R. M. SOMERS' PATENT, No. 20,108.

PATENT
"CLIMAX" BOILER.



One of the most Successful Boilers.

Thousands in use.

Hot Water Supply Apparatus,

FOR BATHS, LAVATORIES, &c.

BOILERS, CYLINDERS,
CISTERNS, TANKS,
TUBES & FITTINGS,

OF EVERY DESCRIPTION.

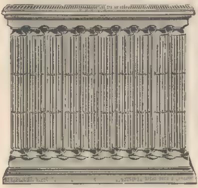
National Telephone No 1932. ESTABLISHED 1870.

WILLIAM TRUSWELL & SON,

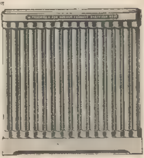
Heating & Ventilating Engineers,

DURHAM FOUNDRY, Sheffield, & at CALORIC WORKS, Newcastle, Staffs.

Testimonials, and all Information on Application



Low Pressure
STEAM.
Low Pressure
HOT WATER.
High Pressure
HOT WATER.
Compound Principle.
Exhaust Steam.
HOT AIR.
Plain & Ornamental
STOVES.
GREENHOUSES HEATED.



UNIQUE RADIATOR.

One inch Wrought Iron Pipes can be made any height or width up to 16 Pipes which contains 17 superficial feet of heating surface, and is 2 ft 10 in. high

THE CALORIC RADIATOR.
Regd. No. 268128.

W. T. & S strongly recommend this Radiator as being very neat and effective.

Height 2ft 11 in. 10 Pipes are 39 in. wide and contain 35 superficial feet of heating surface.

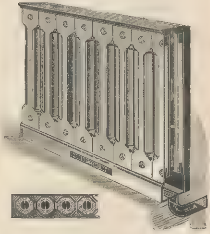
Any size made from 3 to 10 Pipes.

Regd. No 231744.

REGISTERED ORNAMENTAL RADIATOR.

Is well suited for fixing in Entrance Halls, Corridors, Gentlemen's Houses, Public Buildings, &c.

Can be fixed in the centre of a room, as both sides are made the same if so ordered. It is in four sizes, 3, 4, 5 and 6 Pipes. Ordinary heights are 2ft. 9in and 3ft 6in., 6 Pipes 3 ft. 6 in high are 3 ft. 6 in wide and contain 30 superficial feet of heating surface.



THE VENTILATING RADIATOR.

This Radiator is specially designed for Ventilating as well as Heating. Special provision being made for an egress of cold air as shown by arrows, which passes up the inner 2 inch tube (a) and out through the grating at top. The cold air from without can be closed off at pleasure.

Heights 3 ft. and 3 ft 5 in., 8 Pipes 3 ft. 5 in. high are 3 ft. 6 in wide and contain 40 superficial feet of heating surface.

CAN BE MADE ANY WIDTH.

We strongly recommend this Radiator to our Agents as being the best known to us for the purposes above stated.

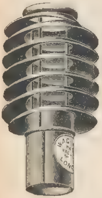
SUITABLE FOR STEAM OR HOT WATER. PRICES ON APPLICATION.

WAGHORNE'S PATENT VACUUM COWL.

Manufactured in Strong Zinc (Plain or Painted).

THE ONLY CERTAIN, SIMPLE, AND SCIENTIFIC REMEDY FOR SMOKY CHIMNEYS,

Also for Ventilating House Pipes, Urban and Suburban Sanitary Relief Pipes.



No. 1.

The main feature of the Cowl is a broad band formed into an ascending spiral, as shown.

Any current of air impinging on the surfaces of the helix acquires a rotary ascending motion, thus creating a partial vacuum in the Chimney, causing a rapid up-draught

The stronger the horizontal pressure of wind or down-draught from the exterior, the greater will be the up-draught in the flue, so that a fierce blast or hurricane only makes the fire burn more brightly. For this reason the invention is unequalled for applying to Ventilating pipes of all descriptions.

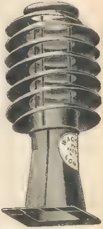
No. 1.—Made in strong Zinc, to fit into ordinary pot, 3ft high, 8½in. diameter. Plain, **42**/- each. Painted, **46**/- each.

No. 2. Strong Zinc with base for fixing in brickwork, 4ft. high, 12in. × 9-in base. Plain, **50**/- each. Painted, **55**/- each

Pattern No. 1 is made in smaller sizes for ventilating House Pipes, &c. Prices:—

For 3in Pipe,	plain, **18**/- each,	painted,	**20**/- each.
„ 4in. „	„ **20**/- „	„	**23/3** „
„ 5in. „	„ **24**/- „	„	**26/6** „
„ 6in. „	„ **30**/- „	„	**33**/- „

Any size can be made to order, at proportional rates



No. 2

AGENTS:—

WAGHORNE & MILES, 146 & 148, HIGH STREET, CROYDON, S.E.

Architects would oblige by mentioning the source of their information when communicating with the Firms represented in "The Compendium."

The Complete Catalogue

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Walker & Worsey	424, 425
Walker, H, & Son, Ltd.	426
Winn, C., & Co.	430
Wright, G, & Co.	427 – 429

Architects would oblige by mentioning the source of their information when communicating with the Firms represented in "The Compendium."

PERFECTION IN DOOR SPRINGS.

FIFTY-THREE MEDALS AND CERTIFICATES OF THE HIGHEST CLASS

Have now been awarded for these Goods at

INTERNATIONAL & TRADE EXHIBITIONS

In Competition.

The latest and **most important improvements** [illegible] **"Victor" Hydraulic Silent Positive Check Floor Door Springs,** to the particulars of which the attention of Architects, Builders, and others is called.

The Patentee is now able to offer [illegible] produced for hard wear in Banks, etc.

"EMPRESS VICTOR" PATENT PNEUMATIC SILENT DOOR SPRING.

Neat. Compact. Fixed Cylinder. Suitable for narrow transoms.

Requires only one inch beyond Hinge. Opens wider than others. Strongest when closed. Regulated to close at any speed. Little friction. Great durability.

Fixed by screwing to surface. Suits right or left hand, inside or outside, without change of fittings.

No.	For Doors not exceeding	
[illegible]	[illegible]	18/-
[illegible]	[illegible]	22/-
[illegible]	[illegible]	28/-
130	4 ft. [illegible]	33/-

THE "CROWN VICTOR."

With Hydraulic Positive Silent Check Action.

1. A much wider opening than hitherto, the Double Action "Crown" opening to and closing from the angle of 135°, *i.e.*, 45° [illegible] 180 [illegible]

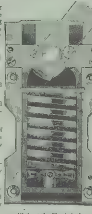
2. Larger Springs (A) ensuring great elasticity and durability.

3. Easily regulated spring power, turning capstan (C).

4. Compact box of regular form, suitable for wood or stone or shallow floors or narrow sills.

5. Perfect and compensating action, automatically preventing slackness.

6. [illegible] regulating the closing speed without removing the cover.



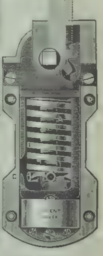
Without the Check Action.

[illegible] Door down.

7. The Door is firmly held at the closed position, and yields pleasantly as opened.

8. The Spring counteracts the weight of the Door, prevents undue wear and the Door rubbing in the frame.

9. No outer box for fixing into stone, &c., as necessary.



THE "LONDON VICTOR."

SINGLE ACTION.

EXTRA STRONG AND STEEL FACED.

THE "CROWN VICTOR."—Double Action.

Quality F is supplied unless otherwise specified.

No.	For Doors	B	C	D	F
[illegible]	Light [illegible]	30	31	31/6	33
[illegible]	Medium 2½	40	41	41	44
7	Heavy 3	60	62	62	66
[illegible]	[illegible]	20	21	21/6	23
[illegible]	Medium [illegible]	30	31/6	31/6	34
[illegible]	Heavy	40	41	42	46

B [illegible] Iron Strap Shoe [illegible] C [illegible]
D With Iron Universal Adjustable Shoe and Top Centre. F With Fittings as E, and Steel Faced.

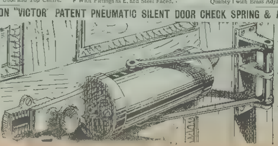
No.		Quality	G	H	I
2/350	Medium, for Doors up to 2½ in. thick	..	27	28	29/-
[illegible]	Heavy		39	40/-	41/-
[illegible]	Extra		53	54	55/-

[illegible] Washer Parts for Top Centres, 2/- each extra.

Quality G with [illegible] Strap Shoe. Quality H with Brass Knuckle Shoe. Quality I with Brass Adjustable Knuckle Shoe.

COMBINATION "VICTOR" PATENT PNEUMATIC SILENT DOOR CHECK SPRING & ADJUSTER.

Neat, Reliable, Powerful, Quickly adjusted; supersedes leather straps and lance springs. In two Patterns, viz. — With Set Open Adjustment to regulate position of Door, at any open position or closed; or as a Silent Door Closer only.



With Set Open Adjustment.
(As Illustrated).

No.	each.	For Doors
[illegible]	23	[illegible] 1½ in.
[illegible]	27	[illegible] in.
[illegible]	30	[illegible] in.
[illegible]	38	4 ft. [illegible] in.

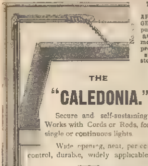
Without Set Open Adjustment

No.	each	For Doors
[illegible]	18/-	[illegible] 1¾ in.
[illegible]	22	[illegible] in.
[illegible]	26	[illegible] 2 in.
[illegible]	33	[illegible] in.

ROBERT ADAMS' BUILDING TRADES' EMPORIUM,
67 NEWINGTON CAUSEWAY LONDON, S.E.

Telegrams — "ROBERT ADAMS, [illegible]"
[illegible]

ROBERT ADAMS' NEW PATENT STIFF-BACK CHAIN FANLIGHT OPENERS



The best house for VENTILATING APPARATUS and GEAR for all purposes. The largest and most comprehensive stock

THE "CALEDONIA."

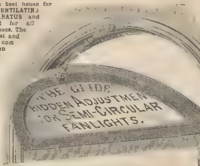
Secure and self-sustaining. Works with Cords or Rods, for single or continuous lights.

Wide opening, neat, perfect control, durable, widely applicable.

CHEAP

EASILY FIXED

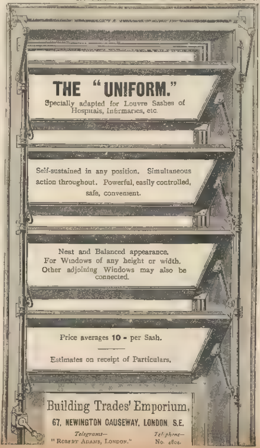
7/6 to 10/- each.
For single lights to work with Cords.



The [illegible] **20/-** each

Wrought Iron and Bronze "Impervious" Casements & Frames.

Impregnable Automatic Locks, Bolts, and Fasteners for Doors, Gates, Casements and other Openings



THE "UNIFORM."

Specially adapted for Louvre Sashes of Hospitals, Infirmaries, etc.

Self-sustained in any position. Simultaneous action throughout. Powerful, easily controlled, safe, convenient.

Neat and Balanced appearance.
For Windows of any height or width.
Other adjoining Windows may also be connected.

Price averages **10/-** per Sash.

Estimates on receipt of Particulars.

Building Trades' Emporium,

67, NEWINGTON CAUSEWAY, LONDON, S.E.

Telegrams—"ROBERT ADAMS, LONDON." *Telephone*—No. 4804.

THE GEM.

No. 524.

Automatically hold the front in any position by simply pulling Cord.

Prices same as No. 525.

Exodus' Exit-Door Apparatus
For Factories, Theatres & Halls, &c.

THE "GEM."

These Patents will be found convenient and applicable for almost all classes of work, and to give satisfaction.

THE "GEM."

No. 525.

Neat, simple, safe, rapid, and reliable

PRICES

IRON, **7/6** each.
Larger, **12/-** each.

BRASS, **15/-** each.
Larger, **20/-** each

With Communicating Bar for both sides

IRON, **15/-** each.
Larger, **30/-** each.

BRASS, **30/-** each
Larger, **40/-** each

PERFECTION in WINDOW & SASH OPENING GEAR FASTENERS, BOLTS, &c

53 HIGHEST AWARDS **ROBERT ADAMS.** AT COMPETITIVE EXHIBITIONS.

Patent Self-Sustaining and Safe Simultaneous Gear for Continuous Sashes of Lanterns, Skylights, Conservatories, Greenhouses, &c

ROBERT ADAMS' TRIPLE ACTION ORNAMENTAL BOLT,

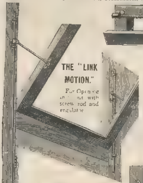
¾ inch Rod, 6 feet long.

All Brass . . 39/6.
Brass Mounts . . 31/6.

Over 6 feet.
Brass, 2/- per foot extra.
Iron Rods, 6d. per foot extra.

Write for particulars of the **New Patent "Impregnable" Casement and Door Locking Bolts and Fasteners, with Lever Key action.**

No. 7.



THE "LINK MOTION."

For Opening in or out with screw rod and regulator.

THE "TWIN" SCREW FANLIGHT OPENER.

To open in or out. With Cord or Rod Action.

ROBT. ADAMS' TRIPLE ACTION GATE BOLT.

6 feet 50/-. Smaller, 40/-. Over 6 feet 1/- per foot extra.

See the New Impregnable Automatic Locking Gate Bolt with Key, Handles to one or both sides, as required.

GATE CATCHES, LATCHES, AND FITTINGS.

No. 190.

"VICTOR" PATENT WEATHER-PROOF SOLID TONGUED CASEMENT BOLT

SCOTT SKYLIGHT LIFTER.

Safe and powerful.

THE UNIVERSAL OPENER FOR FANLIGHTS.

Opening in or out with Pendant and Revolving Rod and Universal Joint.

THE COMBINATION FANLIGHT OPENER.

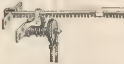
For Fanlights opening in or out, with Cord Action.

Stoves, Ranges, Enamelled Slate, Marble, Iron & Wood Chimney Pieces.

Baths – Sanitary, Heating & Ventilating Appliances.

Wood, China & Brass Door Furniture.

Locks, Bolts, Hinges, Iron & Brass Foundry of every description.



SCOTT FANLIGHT ADJUSTMENT.

Safe and Neat. Made in all Sizes.

No. 208.

PATENT "VICTOR" SLIDING BOLT, for Narrow Casements.

COLLINGE'S PATENT GATE HINGES, LATCHES, FITTINGS, & STOPS.

ROBERT ADAMS' BUILDING TRADES' EMPORIUM,

67, Newington Causeway, London, S.E.

Telegrams—"ROBERT ADAMS, LONDON." Telephone—No. 4804.

PERFECTION IN PATENT WINDOW AND DOOR FITTINGS, &c.

53 HIGHEST AWARDS **ROBERT ADAMS.** AT COMPETITIVE EXHIBITIONS

"TRIUMPH" PATENT SECURE AND REGULATING SASH FASTENER.

Sashes	1½	2	2¼	[illegible] inches
Brass	2/6	2/8	2/10	3/- each
Iron ..	1/3	1/4	1/5	1/6 "

N.B.—Write for particulars of the New **Patent Protective Double Catch Fastener**. Affords ventilation. Both sashes immovably and automatically fastened. With Key for Asylums, Nurseries, &c.

"CLIMAX" PATENT REVERSIBLE AND SLIDING WINDOW.

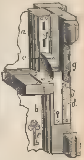
No. 173. Most simple, easily applied, neatest and cheapest method for all sliding Sashes. **3/6** per Set per Sash.

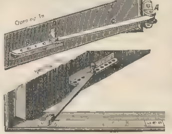
The New Patent "Protective" Fastener, affording secure ventilation, can be fitted to all Reversible Sashes.

The New Patent PROTECTIVE Window Fastener, with Double Catch, securely and automatically locks both upper and lower sashes (*a* and *b*) irrespective of each other, at any distance for ventilation [illegible] or closed.

Either one or both the sashes, *a* and *b*, may be regulated after unlocking (with key *e*), by merely sliding them, and the [illegible] catches *c* and *d* will [illegible] and immediately engage with [illegible] slots [illegible] the plates (*f* and *g*) and effectually prevent the sashes being moved up or down. No [illegible] necessary [illegible] the window is neat, does not interfere with the construction [illegible], and easily and quickly fixed and operated, and reliable.

Other patterns of this patent for fixing to surface, or to manipulate by hand or by cords, instead of key, &c.

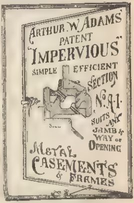




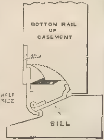
"VICTOR" CASEMENT STAYS.

Neat, simple, easy to manipulate, do not project.

	Opening In.			Opening Out.	
10 ins.	No. [illegible] Brass	3/- each	No. [illegible] Brass	3/- each.
1[illegible]	No. 20[illegible]	4/- "	No. 19[illegible]	4/- "
10 "	No. 204 Iron	2/-	No. [illegible] Iron	2/- "
1[illegible] "	No. 20[illegible]	2/4	No. 1[illegible]4	2/4 "



Condensation Tube.



"IMPERVIOUS" PATENT WATER BAR.

Wrought Iron, 1/9 ft

Lengths under 3 feet charged as 3 feet.

RELIABLE WATER BAR FOR CASEMENTS.

No. 39.—Opening In

[illegible]	[illegible]	[illegible]	[illegible]	60	72 inches
10/-	12/-	15/-	18/-	21/-	24/- each

No. 414 [illegible]

11/6	14/-	18/-	22/-	26/-	30/- each

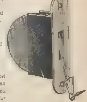
AGENT FOR

THE "PULLMAN" SPRING BALANCE FOR SLIDING SASHES.

Dispenses with Cords, Pulleys, Weights, and the usual Pockets.

Guaranteed for Ten Years.

The Best and most easily applied method for satisfactorily hanging and balancing Sliding Sashes. Effects also economy in material, labour, &c. [illegible] articles, &c.



ROBERT ADAMS' BUILDING TRADES' EMPORIUM,

Telegrams—"Robert Adams London." 67, NEWINGTON CAUSEWAY, LONDON. *Telephone No. 4804.*

BALDWIN'S BUTTS

ARE MADE ONLY BY

200

333

564

BALDWIN, SON & CO., LTD.,

STOURPORT.

Also Broad Butts 200 and 564 of all Sizes.

PARLIAMENT HINGES, SKEW BUTTS, & CAST-IRON HINGES

OF ALL DESCRIPTIONS.

Buyers are earnestly requested to see that the name **BALDWIN**, *in addition to the quality number*, is cast on all the Butts they purchase—**NONE OTHERS ARE GENUINE**. These numbers were **ORIGINALLY ADOPTED BY B. S. & CO.** to distinguish the different qualities, but since these Butts have obtained favour with consumers, the numbers have been copied by other makers. They are now registered as their

TRADE MARK

AS

BALDWIN	BALDWIN	BALDWIN
200	333	564

MANUFACTURERS also of the Improved Cast Tinned Kitchen Furniture—Saucepan Covers are now made stamped from One Sheet of Steel, also of an Improved White Enamelled Cast-Iron Kitchen Furniture and of the New Mottled Cast Iron Enamelled Holloware in all their various branches; Improved Box Flanch, and Portable Coffee Mills; Door Knockers Scrapers Porters, Hat, Coat and Umbrella Stands, and Carpenters' and Builders' General Ironmongery.

London Office: No. 23, HOLBORN VIADUCT, E.C.

BARNARD·BISHOP & BARNARDS LTD.
NORFOLK IRON WORKS NORWICH.
London Show Rooms, 91 & 93, Queen Victoria St. E.C.
Fully Illustrated Catalogues of our Manufactures Free on application. Architect's Specifications Carefully Carried out.
New Mantel Register, No. 881, with Ornamental and Plain Mirror
Outside width. Width of Fire. Price complete, Primed.
18 inch. 9 inch 34/6
24 18 40/6
40 P
36 P
37 P
38 P
10 in. or 9 in. wide, by 36 in. high, made of 6 in. by 2 in. or 8 in. by 8 in. Plain Tiles, 25/- pair
If made of 8 in. by 8 in. Embossed, or Embossed and Plain alternate, 27/6 pair
These Slabs can be supplied in a great variety of colours.

Barnard, Bishop & Barnards, Ltd.

NORFOLK IRON WORKS, NORWICH.

London Show Rooms, 91 & 93, Queen Victoria St E.C.

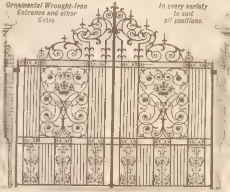
Ornamental Wrought-Iron Entrance and other Gates

In every variety to suit all positions.

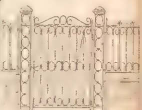
AWARDED PRIZE MEDALS, LONDON 1851 1862

[illegible]

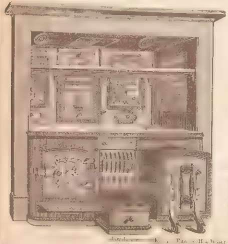
Ornamental Wrought-Iron Railing 2-ft 0-in high, [illegible] per yard. Cast Iron Coping for 4½-in. wall, 2/6 yard for 9-in wall, 4/3 yard.



[illegible] Gates, No. [illegible], [illegible] opening [illegible] ft. wide, [illegible] centre, highly finished in wrought-iron, £60. Carriage paid.



[illegible]



NEW AND IMPROVED COOKING RANGE "THE NORWICH,"

[illegible] perfect pastry oven with bottom heat, draw-out [illegible] rate enabling the fire to be reduced [illegible] open or close fire arrangement, cinder sifter, [illegible] tiled covings, ceiling plate with register [illegible] ntilators, high pressure welded shoe [illegible] dripping pan, meat stand, two [illegible] tey, raker, and flue brush, complete. The best finished and most substantial range in the market.

PRICES

No.	Width	Black Fittings. £ s. d.	Polished Fittings. £ s. d.	Polished and Burnished. £ s. d.	[illegible] instead of Tiles Less. £ s. d.	If flues formed on Cast-Iron Extra £ s. d.
[illegible]	[illegible]	18 5 0	19 2 6	22 10 0	1 10 0	5 0 0
[illegible]	[illegible]	19 5 0	20 2 6	23 10 0	1 11 6	5 10 0
[illegible]	[illegible]	21 15 0	22 15 0	26 10 0	1 13 0	5 15 0
[illegible]	[illegible]	25 0 0	26 5 0	30 0 0	1 15 0	6 0 0
[illegible]	[illegible]	27 15 0	29 5 0	33 10 0	1 17 6	6 5 0

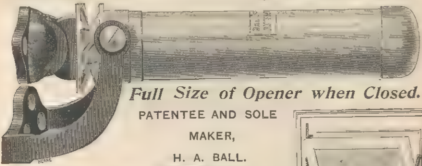
Carriage paid.

[illegible] Hot Water Heating and Supply Apparatus for Mansions, Public Buildings, Churches, &c., &c.

Surveys undertaken in any part of the Country and Estimates furnished for every description of Heating Apparatus. Archit[illegible] faithfully carried out.

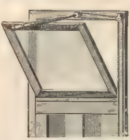
THE PATENT "TELESCOPE" FANLIGHT OPENER.

MOST COMPACT. Suits all Lights. SIMPLEST.

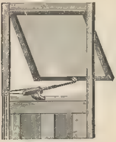


Full Size of Opener when Closed.

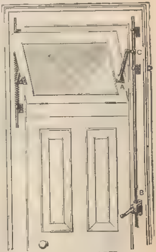
PATENTEE AND SOLE MAKER, H. A. BALL.



No 1
For Lights hung at Bottom and Opening inwards.



No 3.
For Lights hung at Top and Opening Outwards.



The EASY.

The "**EASY**" is another very simple Fanlight Opener, worked with a screwed rod and handle, Suitable for all lights. Made in Brass, Gun Metal, or Iron. Architects waited on with Samples. For prices and all particulars apply to

H. A. BALL,

Wholesale & Manufacturing Ironmonger,

12 & 13, CHISWELL ST., & 26, FINSBURY ST., E.C.

A LARGE STOCK KEPT OF EVERY DESCRIPTION OF BUILDERS' IRONMONGERY.
CATALOGUES SENT POST FREE ON RECEIPT OF CARD.

Established 200 years. | J-B & SONS, High-Class Ironmongery. | PRIZE MEDAL FOR LOCKS AND SUPERIOR IRONMONGERY.

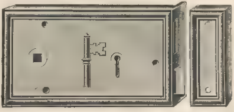
J. H. BOOBBYER & SONS,

13 & 14, Stanhope Street,
13, Blackmoor Street, } Newcastle Street, London, W.C.

Fifteen minutes' from Charing Cross, Waterloo, Ludgate, and Farringdon Street Stations. Five minutes' from Temple Station.

RIM LOCKS.

No.		6-in.	7-in.
100	Tumbler, all Brass	7/-	10/6
	2-Lever ditto	9/6	
103	Tumbler, all Brass, beaded edge, as drawn	8/6	10/6
	2-Lever do. do.	10/-	12/-
	Best 2-Lever do.	14/6	
102	2-Lever Iron, with Brass Bolts 2/6	3/6	5/-

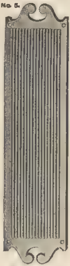


MORTISE LOCKS.

No.		6-in.	7-in
200	4-Lever, best with Gun Metal Bolts, & Steel followers bushed	7/6	9/-
201	2-Lever, with Brass Bolts, and Steel followers bushed	4/6	6/
202	2-Lever, with Brass Bolts of lighter make, and steel followers bushed	3/6	

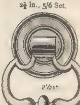
Also **ROLLER BOLT MORTISE LOCKS** from 3/6; and **SPRINGLESS RIM** and **MORTISE LOCKS**, from 4/6 each.
Locks to differ, with Master Key to order. All Locks are priced without Furniture. Asylum and other Special Locks to order.
BRASS POSTAL HANDLES Polished or Bronzed, 3/- to 25/- each. Also Iron, 2/- each.

No. 5.



No. 9, OVAL, as drawn, 2¼ in., 3/6; 2¾ in., 4/3 Set.

No. 8.
DROP RING FURNITURE.
2½ in., 5/6 Set.



PITTS' or GIBBONS', No. 6, 6/- set. No. 7, 6/6 set

KNOCKERS.
No. 11. Brass, as drawn, from 4/6 each.
Iron .. .. .. 2/- „

BELL LEVERS.
Reeded, from 5/6 pair.
For No 6, 7/- pair. For No. 7, 8/6 pair.

REGISTERED LOCK PLATE. No. 10, 10/- Pair.

Long 2/3 each. Short, 2/- each
2¼ Ebony, Oak, or Cocus, PITT's or GIBBONS action, 4/-: MACE's, 2,3 set.
Reeded ditto 5/- set.
Finger Plates, from 2/6 pair.

Long, 2/3 each Short, 1/9 „

Long, 2/6 each Short, 2/- „

☞ For other Drawings see previous years' COMPENDIUMS.

ARCHITECTS' OWN DESIGNS CAREFULLY CARRIED OUT IN WROUGHT IRON, OR OTHER METAL OR WOOD

Established 200 years. | J-B & SONS, High-Class Ironmongery. | PRIZE MEDAL FOR LOCKS AND SUPERIOR IRONMONGERY.

J. H. BOOBBYER & SONS,

13 & 14, Stanhope Street, 13, Blackmoor Street, } Newcastle Street, London, W.C.

Fifteen minutes' from Charing Cross, Waterloo, Ludgate, and Farringdon Street Stations Five minutes' from Temple Station.

FRENCH CASEMENT BOLTS.

$1\frac{3}{4}$ in and $1\frac{1}{2}$ in wide.

No. 20. All Iron .. .. 6 ft. 6 in. 2/9 each.
„ 21. Iron with Brass Knob . .. 5/6 .

No. 22. All Brass .. from 2/3 foot.
„ 23 Best ditto as drawn , 3/9 .

Also Espagniolette Bolts, $\frac{3}{4}$-in., 2/6, $\frac{7}{8}$-in., 3/6 , 1-in., 4/- per foot.

CASEMENT STAYS.

No.		12-inch. per doz.
30.	Strong Screw down, solid brass (as drawn for Casements opening inwards, also for Casements opening outwards)	27/-
31.	Extra strong ditto ..	54/-
32.	Double Jointed Pin Casement Stays, Brass, strong	25/-

No. 33. Double Jointed Pin Casement Stays. Gun Metal 30/-
„ 34. Curled end Stay, as in 1893 COMPENDIUM, Malleable as Wrot Iron 10/ & 13/-
„ 35. Ditto Ditto Brass 38/-

CASEMENT FASTENERS.

No. 40. Polished Brass or Bronzed, with Staples .. .. .. 9/- per doz.
„ 41 Iron, Malleable .. .. 4/6 „
„ 42. Brass, Bronzed, or Polished Cockspurs, as drawn .. .. 22/- „
„ 43. Iron, Malleable, Square Handled Cockspurs .. .. 6/- „
„ 44. Polished Brass Curled Handled Cockspurs, as in 1893 COMPENDIUM, to match No. 35 Stays .. .. .. 24/- „
„ 45. Iron, Malleable, Curled Handled, as in 1893 COMPENDIUM, to match No. 34 Stays .. .. 7/6 „

SWING DOOR HANDLES, all Brass, 5/- to 40/- pair; also with Ebony Grips.

No 51

SASH FASTENERS.

Hopkinson's Patent Guarded Arm and Reeded Knob .. .. 7/6—20/ per doz

A Variety of other Patents on Stock, Stanley, Albert, Meakins.

STABLE FITTINGS.—Hatfield's Patent Rollers, Bottom from 9d; Hanging, 1/6 each. Collinge's Hinges.

SASH LINES.—Hemp, Flax, Catgut, Steel Ribbon, Wire Rope, Copper Chain.

HINGES.—No. 50. Brass Butt with Double Steel Washers, as in 1893 COMPENDIUM 3 in., 2/ ; $3\frac{1}{2}$ in., 2/6; 4 in., 3/6; $4\frac{1}{2}$ in., 4/9; 5 in., 6/6; 6 in., 9/6 per pair.

BRASS CABINET HINGES (as drawn, No. 51). $3\frac{1}{2}$ in, 1/6, $4\frac{1}{2}$ in. 2/7 per pair.

FLOOR SPRINGS No. 60. From 15/ each; warranted 25/- each. *Silent Door Checks and Springs of all kinds from 11/6 each, for Single and Double Action Doors.*

FANLIGHT GEAR.—No. 70. Preston's, Beanland's, and New, with Cords, from 6/6, 2/9, 3/- each respectively

No. 71. Simple, with winch handle, from 13/- each; also in Gun Metal.
No. 72. Eclipse Action do. „ 12/6 „ „ „
No. 73 Rack Stay, for all fixings „ 2/- „ „ „
No. 74. Fanlight Catches „ 1/- „ „ „

Models showing action in great variety.

VENTILATORS—Arnott's, Boyle's, Currall's, Sherringham's.

MANHOLE COVER.—24 in. × 18 in, from 8/6 each.

HAT AND COAT HOOK.

4/- per doz. complete.

ARCHITECTS' OWN DESIGNS CAREFULLY CARRIED OUT IN WROUGHT IRON, OR OTHER METAL OR WOOD.

CAUTION. *Architects and Users should note the internal arrangement of these Springs and Checks and beware of pirates.*

SILENT DOOR SPRINGS. PNEUMATIC CHECK.

JAMES ADAMS,

7 & 11, UNION STREET, BOROUGH, S.E.,

Patentee and Sole Maker of the "SLAVE," "ROYAL DUPLEX," Floor and Back door Springs, and the "A. J." Sash Fastener.

THE SLAVE

The Original Pneumatic Check Floor Spring has stood the severest test of any known Door Spring

Light	£1 6 0
Medium	1 12 0
Heavy	2 0 0
Ex. Heavy	2 10 0

Supplied complete with new Patent Adjustable Shoe and new Patent Adjustable Top Centre.

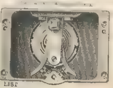
Light	£2 2 0
Medium	2 8 0
Heavy	2 15 0

Architects and Builders should name the Trade Mark.

ROYAL DUPLEX

Medals, &c., Awarded.

Bronze	1885.
Silver	1886.
Star Certificate	1887.
Gold	1892.



This Hinge possesses all the qualifications of the Deep Well Hinge in Shallow form, with adjustable advantages possessed by no others. It can be easily repaired without removing the box.

Light ..	£1 7 6
Heavy ..	1 11 6
Extra Heavy	2 0 0

SEND FOR ILLUSTRATED PRICE LIST

ABERCROMBIE & SON,

Brass Founders & Manufacturers in Ormolu, Bronze, Etc.

CHASERS + AND + GILDERS.

DOOR FURNITURE, LAMPS, WALL LIGHTS, ELECTRIC FITTINGS, CABINET MOUNTS in all the Styles, Highly Finished.

WINDOW POLES AND RODS OF EVERY KIND. ARCHITECTS' DESIGNS INTELLIGENTLY CARRIED OUT.

30, 32 & 36, WHITFIELD STREET, TOTTENHAM COURT ROAD, W.

HARTLEY'S PATENT FIXINGS

For Joiners' and Cabinet-makers' Work.

Advantages of these Inventions:

- Wood Plugs and Grounds dispensed with.
- All Joinery may be made and put together at Workshops and then taken to the Building, and fixed easily in position, and can be readily removed when desired, without damage to the Freehold.
- Disfigurement caused by use of Nails and Screws is done away with on the surface of finished work
- Can be applied to Glazed Bricks or Stone Walls.
- Invaluable in Butchers' Shops, Slaughter Yards, Lavatories, Hospitals, &c., and where frequent washing and disinfecting are necessary
- Gas Patras, different kinds of Framing Mouldings, Picture and Pin Rails, &c., can be fixed without Plugs, and removed for re-papering room.
- Can be fixed to old buildings by removing one brick where required to fix clamps.
- They are Fireproof

Illustrated Catalogues can be had on application to

A. HARTLEY, 30, Whitehouse Street, Hunslet, Leeds.

Architects would oblige by mentioning the source of their information when communicating with the Firms represented in "The Compendium."

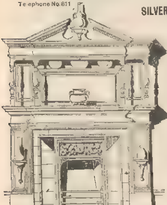
BRATT, COLBRAN & CO.,

22, Castle Street, Finsbury, London, E.C.

Telegrams—"PROTEUS, LONDON."
Telephone No. 611

SILVER MEDAL HEALTH EXHIBITION, 1884.

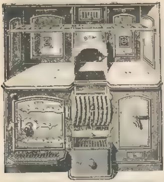
WOOD CHIMNEY PIECES,
STOVES AND TILES,
WROUGHT IRONWORK,
REPOUSSE METAL WORK,
DOOR FURNITURE,
KITCHENERS.


No. 9. Mantel in Pine, Interior Tiles, &c., £19 15s.

No 1001 Iron Mantel Register £3 10s

No. 4. Mantel in Pine, Interior Tiles, &c., £14 2s. 6d.

REGISTERED DESIGNS.



21 in × 36 in.
Interior, No 100 Fine Cast,
£1 15s.

18 in. × 36 in.
Interior, No. 102 Fine Cast,
£1 12s 6d

19 in × 30 in.
Interior, No. 101 Fine Cast
£1 11s

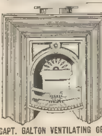
Prices.

36 in × 36
£3 17s.

38 in. × 42 in.
£4 2s 3d

40 in × 42 in
£4 7s. 6d

42 in × 42 in.
£4 12s 9d


CAPT. GALTON VENTILATING GRATE.

LEAMINGTON BARS.

ARCHITECTS'
OWN DESIGNS
FULL-SIZED
and
CARRIED OUT.

MELBOURNE, 1880. MELBOURNE, 1888. ADELAIDE, 1887. KIMBERLEY, 1892.

JAMES CARTLAND & SON

Manufacturers of every description of

Cabinet, Builders', Furnishing, and Naval Brass Foundry,

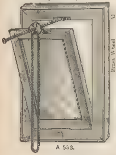
BIRMINGHAM.

LONDON SHOW ROOMS · 57, HOLBORN VIADUCT, E.C

Specialities:

PRESTON'S PATENT SCREW ADJUSTMENT.

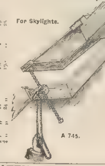
To open Inwards.



A 553.

	Brass Wheel Iron Fittings.	All Brass.
3 in. screw 15 in.	7/6	8/6
„ „ 18 „	10/-	10/6
„ „ 21	15/-	19
„ „ 24 „	17/-	25

For Skylights.

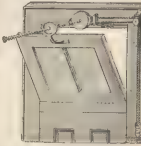


A 745.

A 745, A 749

	Brass Wheel Iron Fittings.	All Brass.
3 in. screw 15 in.	9/6	10/6
„ „ 18 „	[illegible]	14/6
„ „ 21 „	[illegible]	[illegible]
„ „ 24 „	[illegible]	29

To open Inwards.



A 749

CARTLAND'S PATENT GRAVITATING INDICATOR OR W.C. BOLT.

Specially useful for the Doors of W.C.'s, Lavatories, Bath Rooms, Steam Ships, Hotels, Consulting Rooms, Offices, &c.

A 2756—Polished Brass, **4/-** each.
Nickel Plated, **6/-** „

CARTLAND'S PATENT WINDOW OPENER,

SUITABLE FOR ALL KINDS OF FANLIGHTS, PIVOT SASHES, SKYLIGHTS, &c.

WINDOW PARTLY OPEN.

A2740.

All Brass, Dead, .. **5/6** each.
Stronger, 18 in. long .. **7/6** „

A2741.

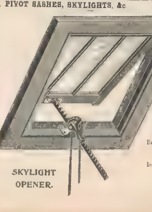
Malleable Iron, Bronzed **3/6** each
Stronger, 18 in. long .. **5/-** „

ENDLESS GREEN CORDS WITH CONNECTING LINKS.

To work the Openers.

To suspend			To suspend		
[illegible] ft	0 in.	[illegible]/6	15 ft	0 in.	16/6
4 „	6 „	5	16	6	[illegible]
6 „	0 „	[illegible]	18 „	0	20
7 „	[illegible] „	7/6	19 „	[illegible] „	[illegible]
9 „	0 „	8/6	21 „	0 „	22
10	6	[illegible]	22	6	[illegible]
12	0 „	13	24 „	0 „	24
13	6	15/-	27 „	0 „	27

Per dozen.



SKYLIGHT OPENER.

A2742
Brass .. 6/-

A2743
Iron .. 5/6
each.

JAMES CARTLAND & SON, BIRMINGHAM,

ORIGINAL PATENTEES AND MANUFACTURERS OF THE

HELICAL, CLIMAX, SMITH'S, RELIABLE, AND PATENT ADJUSTABLE CLIMAX FLOOR SPRINGS

Regulating Capstan.

Iron 5351 Brass 5352 — Iron 5755 Brass 5756

	5351 or 5755 All Iron	5352 or 5756 All Brass
3 in.	15	30
3½ in.	18	36
4 in.	2[illegible]	4[illegible]
5 in.	28	54
6 in.	[illegible]	6[illegible]
7 in.	48	108

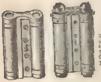
Per dozen

CAUTION.

Merchants, Ironmongers, Builders, and others are requested to see that the Trade Mark, as above, is on each Spring, as the Patentees are informed that spurious imitations of those Springs are being made which have neither the power or durability of the Helical Spring Hinges and Climax Reliable and Adjustable Climax Floor Springs as manufactured by the Original Patentees.

No.	Plate Inches.	Box Inches.	With Iron Strap Each.	With Brass Shoe. Each.
2400	7½ × 4½	7 × 4¼ × 2	10/6	12/6
2401	9 × 4¾	8½ × 4½ × 2½	14	16/6
2402	9½ × 5¼	8½ × 4½ × 3½	18	20/6
2403	9½ × 6	10 × [illegible] × [illegible]	2[illegible] 6	26/6
24[illegible]	11 × [illegible]	[illegible] × [illegible] × [illegible]	28	32/-

Regulating Capstan.

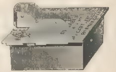


Iron 5353 Brass 5354 — Iron 5753 Brass 5754

	5353 or 5753 All Iron.	5354 or 5754 All Brass.
3 in.	4	6/6
3½	5	8
4 in.	[illegible]	[illegible]
5 in.	[illegible]	[illegible]
6 in.	[illegible]	15
7 in.	[illegible]	21

Per dozen

2404.—**RELIABLE.**



With Brass Shoe for any thickness of door, 70/- each.

Size of Plate, 13 × 9¾ in.
Size of Box, 12 × 8½ × 5 in.

This very powerful Floor Spring is specially made for the heavy entrance doors of Banks, Exchanges, Town Halls, Clubs, etc., and is used in the General Post Offices throughout the United Kingdom

No.	Plate Inches.	Box Inches.	With Iron Strap. Each.	With Brass Shoe. Each.
2850	5 × 4	4½ × 4¼ × ¾	11	13
2858	6½ × 6	5½ × [illegible] × 2	14/6	17/-
[illegible]	5 × 7	8 × [illegible] × 2	21	2[illegible]/6
[illegible]	8¾ × [illegible]	[illegible] × [illegible] × [illegible]	24	27
[illegible]	9½ × 8½	[illegible] × 8 × 2½	29/-	33

	5355 Iron	5356 Brass
3 in.	15/-	25
3½ in.	18	
4	21	35
[illegible] in.	2[illegible]	45
[illegible] in.	36	55
7 in.	54	90
8 in.	66	108
[illegible] in.	84	120

Per dozen.

No.	Plate Inches.	Box Inches.	With Iron Strap Each.	With Brass Shoe. Each.
2405	9¼ × 6½	9 × 6 × [illegible]	15/-	21/
2406	10 × 7½	10 × 7 × 3½	27	30/-
2407	11 × 7½	10½ × 7 × 3½	32	35/-

SOLID JOINT MACHINE-MADE BRASS BUTT HINGES.

These Hinges are of a very superior make and finish, each one is an exact counterpart of the other, and, being mathematically true, are especially adapted for Cabinet work.

Each Hinge bears our Trade Mark. Buyers are respectfully requested to notice this.

LIST OF PRICES —Per Dozen Pairs.

Medium Suite, for Cabinetmakers.	Sizes, Open	1½ × ⅞	1¾ × 1	2 × 1⅛	2¼ × 1¼	2½ × 1⅜	2¾ × 1½	3 × 1⅝	3½ × 2	4 × 2⅜
With Milled Faces and Backs	6150	3/-	3/6	4/3	5	6/6	8	10/-	16/-	25/-
With Sanded Fronts, Polished Backs, and Lacquered..	6151	3/6	4/-	4/9	5/6	7/-	9/	11/-	17/-	27/-
Polished all over and Lacquered	6152	4/-	4/6	[illegible]	6/6	8	10/	12	18/-	30
Brass Pins, extra per dozen pairs ..		6d	7d	8d	9d	10d	11d	[illegible]	1/1	1/[illegible]

Stronger Suite, specially adapted for Builders' and Ship's use.	Sizes. Open.	2 × 1¼	2½ × 1⅜	2½ × 1½	3 × 1⅞	3½ × 2¼	4 × 2⅝
With Milled Faces and Backs	6150	6/-	7/6	9/-	14/6	22	3[illegible]/-
With Sanded Fronts, Polished Backs, and Lacquered	6151	6/9	8/3	10/-	15/6	23/	3[illegible]
Polished all over and Lacquered ..	6152	7/3	9/	11	17/-	25	[illegible]
Brass Pins, extra per dozen pairs ..		8d	9d	10d	1/	1/3	1/[illegible]

COMPLETE ILLUSTRATIONS OF THESE AND OTHER SPECIALITIES MAY BE HAD ON APPLICATION.

CHUBB'S SEGMENT BOLT (2 or 4 Lever) LOCKS,

128, Queen Victoria St., London, E.C.

NEW CHEAP HOUSE DOOR LOCKS,

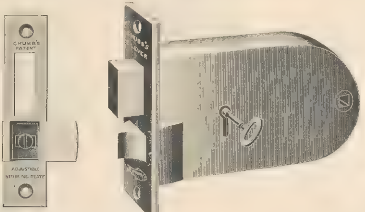
KNOWN AS

CHUBB'S SEGMENT BOLT LOCKS,

Made under recent Letters Patent.

The Special Features are:

- HINGED SEGMENTAL LATCH BOLTS—SILENT, FRICTIONLESS, DURABLE.
- BRASS BOLTS AND LEVERS TO ALL LOCKS.
- SUPERIOR STRENGTH, WORKMANSHIP AND FINISH.
- PERFECT ACTION WITHOUT LUBRICANTS
- NO SPECIAL DOOR FURNITURE REQUIRED
- PATENT ADJUSTABLE STRIKING PLATE OR STAPLE.



SEGMENT BOLT LOCKS.	4 in.		5 in.		6 in.		7 in.	
	s.	d.	s.	d.	s.	d.	s.	d.
2 Bolt Mortise, with Adjustable Striking Plate, 2 Lever, 1 Key each ..	6	6	7	0	7	6	9	0
" " " " 4 " 1 "	7	6	8	0	8	6	10	0
2 Bolt Rim, with Adjustable Striking Staple, 2 " 1	7	0	7	6	8	0	9	6
" " " " " 4 " 1 "	8	0	8	6	9	0	10	6

SEGMENT BOLT LATCHES.	4 in.		5 in.		6 in.	
	s.	d.	s.	d.	s.	d.
Rim Night Latch, One Sided, with Adjustable Striking Staple, 4 Lever, 2 Keys each ..	10	0	10	6		
Mortise Latch Action only, with Adjustable Striking Plate, no Key ..	4	6	5	0	5	6

DEAD LOCKS—2 or 4 LEVER.	4 in.		5 in.		6 in.		7 in.	
	s.	d.	s.	d.	s.	d.	s.	d.
Mortise Dead, with Ordinary Striking Staple 2 Lever 1 Key each	5	0	5	6	6	0	7	0
" " " " 4 " 1 "	6	0	6	6	7	0	8	0
Rim Dead, to Lock One Side only 2 " 1	4	6	5	0	5	6	6	6
" " " 4 " 1	5	6	6	0	6	6	7	6
" " " Both Sides 2 " 1	6	6	7	0	7	6	8	6
" " " 4 " 1	7	6	8	0	8	6	9	6

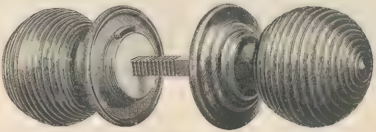
THE EXCLUSIVE RIGHT OF SALE OF

TIGHE'S PATENT DOOR HANDLES

HAS NOW BEEN ACQUIRED BY

CHUBB & SON'S

Lock and Safe Company, Limited.



ADVANTAGES PROVED BY USE.

Handles cannot come off or work loose.
Can be fixed in about one minute.
No tools required for fixing.
No screws nor loose pieces used.
Complete in two parts.

DIRECTIONS FOR FIXING.

Take the knob to which spindle is fixed and pass spindle through the hole made for it in door and lock, then place the adjustable knob on the protruding end of the spindle with the hinged wedge piece raised and immediately over one of the serrated sides of the spindle. Push both knobs close up to the door, then wedge piece will drop into one of the serrations, and by turning the screwed rose collar to the right until it covers the wedge piece and is tight the fixing is complete.

NOTE.—Spindles are cut on two sides at intermediate spaces, therefore use side which gives closest fit.

ILLUSTRATED PRICE SHEET ON APPLICATION.

CHUBB & SON'S LOCK & SAFE COMPANY, LTD.,

Makers to the Queen and to the Bank of England,

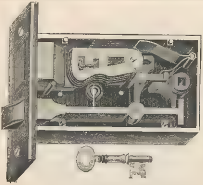
128, QUEEN VICTORIA STREET, LONDON, E.C.

COLLEDGE & BRIDGEN,

MIDLAND LOCK WORKS, WOLVERHAMPTON.

Telegraphic Address: COLLEDGE WOLVERHAMPTON

National Telephone No. 7 118



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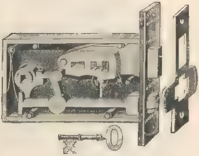


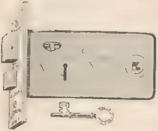
No 799

4-LEVER MORTISE.

		6 in	7 in
No 3206.	2 Brass Bolt Bushed	3/6	ea
No. 3251.	2-Lever, 2 Brass Bolt, Steel Follower, Gun Metal Bushed	4/9	6/6 ,,
No. 3259.	2-Lever, 2 Brass Bolt, Strong, Steel Follower, Gun Metal Bushed ..	6,3	8/- ,,
No 3256	4-Lever, 2 Brass Bolt, Strong, Steel Follower, Gun Metal Bushed ..	8/-	9/9 ,
No 3269.	4 Lever, 2 Gun Metal Bolt, Extra Strong	10,9	13, ,,
No 3270.	6-Lever, 2 Gun Metal Bolt, Extra Strong	15 6	17/6 ,,

4-LEVER ROLLER BOLT MORTISE

		6 in.	7 in.
No. 796.	Tumbler, 2 Brass Bolt, Gun Metal Rollers	4/6	5/6 ea.
No 797.	2-Lever, 2 Brass Bolt, Gun Metal Bushed, Gun Metal Rollers ..	6	7 - ,
No. 798	2-Lever, 2 Brass Bolt, Gun Metal Bushed, Gun Metal Rollers, Strong	7 3	9 .
No 799	4-Lever, 2 Brass Bolt, Gun Metal Bushed, Gun Metal Rollers, Strong	9,	10/9 ,,



THE RELIABLE MORTISE LOCK.

Suitable for Villa Residences, &c.

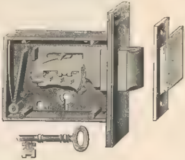
Thousands in use giving Universal Satisfaction.

2 Lever, Gun Metal Bolts, Gun Metal Bushed, Steel Case, 4/- each. Brass Case, 5/6 each.

MORTISE NIGHT LATCH.

No. 328.. 3, 3½, 4 in. 2 Lever, 7/9 each. 4-Lever, 8/9 each.

No. 790 Milled edge Brass Furniture for ditto, 1/- per set.



ASYLUM LOCK.

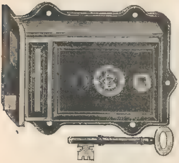
No. 806.

We make this Lock to suit special requirements. Estimates given on receipt of particulars.

NOTE.—MORTISE LOCKS.—If made to differ and Master Key to pass, 1/3 each lock extra. Master Keys, 2/- each. Locks Half Rebated, 1/-; Full Rebated, 4/6 each extra.

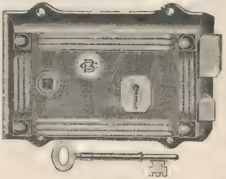
COLLEDGE & BRIDGEN,

Telegraphic Address "COLLEDGE WOLVERHAMPTON" — **MIDLAND LOCK WORKS, WOLVERHAMPTON.** — National Telephone No. 7,118.



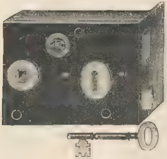
6 in. RIM LOCK.

No. 2343.	2 Brass Bolt, 1-Lever	2/9 ea.
No. 2345.	" " 2 "	3/6 "
No. 2359.	All Brass Polished	10/- "

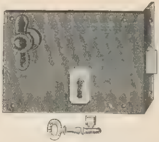


6 in. RIM LOCK.

No. 2458	2 Brass Bolt, 1-Lever ...	... 2/6 ea.
No. 2457.	" " 2 " ...	... 2/10 "
No. 538.	Rim Latch, to match above	... 1/2 "



		6 in.	7 in.	8 in.
No 175.	1-Lever, 2 Brass Bolt, Brass Bushed ...	4/-	4/9	6/- ea.
No 207.	Strong Solid Ward ...	4/4	5 -	6 6 "
No. 208.	" 4-Lever ...	8/-	9/6	11/6 "



PRISON AND POLICE CELL LOCK.

ESTIMATES GIVEN ON RECEIPT OF PARTICULARS.

SUPERIOR BUILDERS' IRONMONGERY OF EVERY DESCRIPTION.

ILLUSTRATED LISTS ON APPLICATION.

COLLEDGE & BRIDGEN,

MIDLAND LOCK WORKS, WOLVERHAMPTON.

National Telephone No.

THE "STANLEY" LOCK FURNITURE.

BRASS

	2	2¼
	Per Set.	
Rim No 845	1/3	1/5
Mor. No. 846	1/6	1/10

BRASS.

	2	2¼
	Per Set.	
Rim No 1887	3/4	4/7
Mor. No. 1888	4/	5/6

WOOD, EBONY, OAK OR COCUS

Rim No. 1800	2/6	3/1
Mor No. 1801	2/10	3/4

WOOD, EBONY, OAK OR COCUS

	2¼	2½
	Per Set	
Rim No. 1803	2/6	3 4
Mor. No. 1804	2,10	3,8

The "STANLEY" LOCK FURNITURE is the SIMPLEST and BEST in the trade, it can be adjusted to the greatest nicety, and the ease with which it can be securely fixed and its cheapness are its great recommendations

Screw in neck of Knob entirely DISPENSED with

"TUDOR" PATENT LOCK FURNITURE.

No 429 No 1938

We are Sole Proprietors and Manufacturers of above Patent Furniture, each Set is STAMPED WITH OUR NAME, and any others are an infringement. For various patterns and qualities please write for Catalogue.

BRASS DRAWER LOCK.

		2¼	2½ in
No. 152, 4 Lever		15/0	15/6 doz
,, 154 6	,,	23/9	24/3 ,,

Every Description of Iron and Brass Cabinet Locks

BOARD SCHOOL FITTINGS.

BOARD SCHOOL HAT & COAT HOOK.

No. 298, price 4/3 doz. complete Hooks all Wrought Iron Number Plates Malleable Iron, with raised Enamelled or Brass Figures 1 to 350

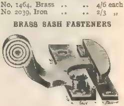
BOARD SCHOOL HAT & COAT HOOK
THE 'RELIABLE.

No. 299. 4/9 per doz.
Can be supplied numbered 1 to 999.

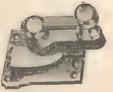
S LATCH For Board Schools.

No. 1464, Brass ..	..	4/6 each
No. 2039, Iron ..	..	2/3 ,,

BRASS SASH FASTENERS

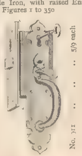


No. 722. 10/- per doz.



No. 1300. Secure Steel Plate under Arm 3 in., 16/ per doz.

WEIGHTED ACTION MORTISE LOCK
With strong Wrought Iron Gothic Handle.



No. 911 ..	.. ..	5/9 each
No 912 Strong	..	7 6 ,,

WEIGHTED ACTION RIM LOCK
With strong Wrought Iron Gothic Handle

No 2179 ..	.. ..	5/9 each
No. 2180, strong ..	..	7/6 ,,

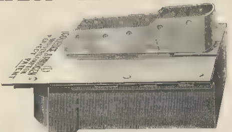
COLLEDGE & BRIDGEN.

THE "PERFECT" PATENT FLOOR SPRING.

THE BEST SPRING INVENTED

MADE WITH OR WITHOUT CHECK.

DOORS KEPT RIGIDLY TO CENTRE WHEN CLOSED



Architects should specify no other Spring but the "PERFECT."

DOORS KEPT RIGIDLY TO CENTRE WHEN CLOSED

No.		1⅛	1⅜	2	2¼	2½ in. Brass Shoe. each
983	For medium doors	18/0	18/0	18/6	18/6	
984	For heavy doors		26/6	27/6	27/6	25/0 "
985	For **Bank Doors**		47/0	49/0	49/6	50/0 "

If with Adjustable Top Centre, 2/9 each extra. If with Adjustable Shoe, 5/9 each extra.

THE "PERFECT" PATENT FLOOR SPRING WITH CHECK.

TO CLOSE DOORS QUIETLY TO CENTRE.

No. 987 For light or medium doors .. .. 51/0 each.
No. 988 For heavy doors .. .. 58/0 "

WITH ADJUSTABLE SHOE ANY SIZE.

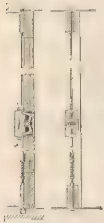
THE "PERFECT" PATENT FLOOR SPRING WITH CHECK.

FOR SINGLE ACTION DOORS.

No. 1756 For light doors .. .. 27/6 each
No. 1757 For medium doors .. .. 32/6 "
No. 1758 For heavy doors.. .. .. .. 40/0 "

When the "Perfect" Floor Spring and Check is used the door will close automatically within a few inches of closing point, when the Check comes into action, and, after a slight pause, quietly closes, preventing the banging backwards and forwards, which wears the Spring and is a constant danger to persons passing through.

The above Springs are now in use in some of the largest and most important Buildings in this country and abroad, and are giving universal satisfaction.

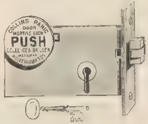


COLLINS PANIC DOOR BOLTS.

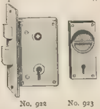
Sole Makers,
COLLEDGE & BRIDGEN.

For Doors of any size.

No. 2051 All Iron.. 16/0 each
No. 2052 Iron Rods, with Brass Box, Fittings and Staples, 29/0 each.



No. 921 Panic Door Mortise Lock
When latched or locked, door is instantly set free by pushing in the push plate .. .. .. 17/6 each



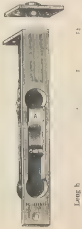
No. 922 No. 923

No. 922 Stable Mortise Lock, with Gun Metal Bolts and Bushes 9/0 each.
Double Bevelled Spring Bolt, same price.
No. 923 Brass Flush Handles for do. 4/3 each.

REGISTERED BRASS FLUSH BOLTS.

No. 596

This Bolt acts by pulling the Lever A forward and folding it into the opposite recess. The action gives great facility and power in shooting the bolt.



Length					
6 in.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8 "	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10 "	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12 "	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14 "	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16 "	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18 "	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24 "	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3[illegible] "	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
36 "	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

THE BRITISH IRON FOUNDRY Co.

(C. F. ASH & Co.) Established 1850.

Head Offices, Warehouses and Show Rooms:—20 & 21, UPPER THAMES STREET, LONDON, E.C.

MANUFACTURERS AND MERCHANTS OF ALL BUILDERS' GOODS.

TILED REGISTER STOVES AND INTERIORS.

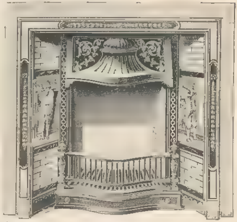
TILES FOR HEARTHS.

MANTEL REGISTERS, OVER MANTELS.

CHIMNEY PIECES, IRON, MARBLE AND ENAMELLED SLATE.

ALL KINDS OF SLOW COMBUSTION STOVES.

LAVATORIES, BATHS, SANITARY APPLIANCES, &c. &c.



KITCHENERS OF EVERY DESCRIPTION.

SELF SETTING AND PORTABLE STOVES.

ENGLISH OPEN AND CLOSE FIRE RANGES COOKING APPARATUS

BOILERS, STABLE FITTINGS, RAILINGS AND GATES FENCING, CISTERNS AND TANKS.

DUST BINS, MANHOLE COVERS.

CLOSETS, SANITARY SOIL PIPE AND CONNECTIONS.

STAIRCASES, STEPS LANDINGS, AND GENERAL CASTINGS, &c., &c.

No. 48. Tile Register with Draw out Canopy to lift off. Sizes made 36 to 40in. wide.

PRICES:—SPECIAL FINISH **BB** LESS TILES **£2 12**s. **6**d. BEST FINISH **BB** LESS TILES **£2 17**s. **6**d.

PRICE LISTS AND CATALOGUES ON APPLICATION.

To avoid confusion please note Style and Address of Firm.

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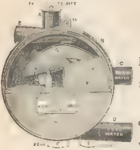
Patent Trade Mark **Automatic**

Registered

Gibbs' Fireplace Lintel



RAIN WATER SEPARATOR,

For Separating the

First Washings from the Roof and Collecting the Clean Water of a Rain Fall.

For further information of

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Contractors to the Lords Commissioners of the Admiralty, H.M. War Office, H.M. Office of Works, L. & N. W., G. W., L. & Y., C. L. C. Railways, etc., The Liverpool Corporation, The School Board for London, etc., etc.

WARMING, VENTILATING AND CONSULTING ENGINEERS,

72, 74, & 76, DUKE STREET (late of 27, South John Street), LIVERPOOL.

Telegrams: "VENTILATION," Liverpool **Telephone No. 1389.**

SEE PAGES 301 & 643.

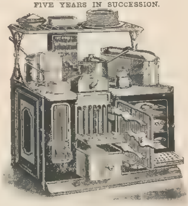
THE EAGLE RANGE & FOUNDRY Co., LTD., 176, REGENT ST., 58, S. PAUL'S CHURCHYARD LONDON.

CONTRACTORS TO HER MAJESTY'S GOVERNMENT & CROWN AGENTS FOR THE COLONIES.

RANGES AND GRATES TO BE SEEN IN OPERATION AT BOTH ADDRESSES

THE GOLD MEDAL EAGLE RANGE: "ORIGINAL PATENT."

AWARDED 18 GOLD & 28 SILVER MEDALS.
A GOLD MEDAL
BY THE
SOCIETY OF ARCHITECTS
FIVE YEARS IN SUCCESSION.



MADE FROM 2 TO 16FT. WIDE. MADE FROM 2 TO 16FT. WIDE.

SPECIAL ADVANTAGES.

The Eagle Adjustable Fire A Simple and Perfect Convertible Open and Close Fire—Roasts Large Joints in front of Fire Roasts perfectly in Ovens—Reversing Damper for the Perfect Baking of Delicate Pastry and Bread—Imperishable Iron Flues No skilled bricklaying required—Automatic Cinder Sifter—Perfect Ventilation—Strength and Durability—Boilers capable of fulfilling any demand Steam, Bath supply, or Low Pressure Great Economy in Fuel Thorough Efficiency Important Abatement of Smoke, and other advantageous features.

SPECIAL NOTICE.—Such irregular use is now being made of the name "EAGLE RANGE" that it becomes necessary [illegible] to add that they [illegible] be ordered from the EAGLE RANGE & FOUNDRY CO.

THE GOLD MEDAL EAGLE FIRE GRATE.

ADVANTAGES.

Fast Medium Slow or very Slow Combustion

Will keep alight 14 hours without attention

Fire can be lit, and a good heat established in few minutes

Remedies troublesome chimneys

Room can be heated on one side, or equally at all parts

Meets every requirement for comfort and [illegible]

Temperature of room can be instantly reduced, if desired

Most powerful radiator of heat

Fire can be kept going night and day with the least possible attention, using little fuel.

Equable temperature day and night with perfect safety.

EXTRACTS FROM TESTIMONIALS.

"The Grate has been alight four weeks without going out."—J C. & J FIELD, Lim.

"It has solved the smoky chimney problem."
Rev J H CRUMP.

"It is the best Grate I have ever seen."—Sir J SINCLAIR.

"I can speak in the highest terms of your Grate."—
A. M. BRADLEY, Esq.

"Your Grate has immense advantages, the fire keeps alight all the week, day and night I can now keep tropical birds in the drawing room; the servants do not now have to come in and out all day to attend to the fire I want to order two more"—Hon. J W PLUNKETT, M P, (now LORD DUNSANY)

NOTE.—The Transparent Oven Door is now perfected.

ENSOR & CO., 28, Whittall Street, BIRMINGHAM.

The "Automatic" Fanlight Adjustment

For Opening and Closing Fanlights in any position.

The "AUTOMATIC" has a great advantage over all other Openers of this kind, as the projecting arm turns automatically back against the Frame as soon as the Fanlight is closed.

Showing Fanlight partly open.

Fanlight Closed, and the Regulating Bar turned back out of the way of Blinds, &c.

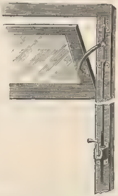
SPECIAL STRONG ENDLESS CORDS.

4 ft. - **7d.** each.
6 ft. - **8d.** „
9 ft. -**10d.** „
12 ft. - **1/1** „

No. 6. Malleable Iron, **4/6**; Brass, **6/6** each.
Best Polished Gun Metal, **7/6** each.

Architects will oblige by stating full Name & Address in their specifications.

THE "COGENT" FANLIGHT OPENER.



FOR

SINGLE LIGHTS,

As Drawn.

WITH 6 ft. IRON ROD.

Iron ... **9/-** each.
Brass .. **12 -** „

For OPENING TWO or MORE LIGHTS

Prices Sent on Receipt of Particulars.

Made to Open Lights in any position.

THE "STANLEY" FANLIGHT OPENER

A CHEAP and STRONG OPENER.

Suitable for Small & Medium Size Casements.

TO OPEN INWARDS.

Iron **2 9** each.
Brass .. **4 3** „

TO OPEN OUTWARDS.

Iron ... **3/4** each.
Brass . **5 -** „

Manufacturers of

Owens' Improved Lock Furniture,

WITH HINGED ROSE.

ENSOR & CO., 28, Whittall Street, BIRMINGHAM.

ENSOR & Co., 28, WHITTALL STREET, BIRMINGHAM.

THE

"SIMPLEX" HAT & COAT HOOK.

(Registered No. 242466.)

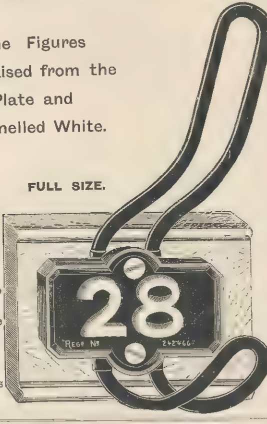
Specially adapted for Schools, Cloak Rooms, or any Public Buildings.

BEST STRONG WIRE BOARD SCHOOL HOOK.

The Figures are raised from the Plate and Enamelled White.

PRICE **3/3** Per Dozen.

FULL SIZE.



Architects are respectfully requested to state the full Name and Address in their specifications

THE

'TUDOR' HAT AND COAT HOOK.

Drawn ⅓rd full size.

Price 4/6 per doz.

ENSOR & Co., 28, WHITTALL STREET, BIRMINGHAM.

FLETCHER, RUSSELL & Co., Ltd.,

Gas Engineers & Artistic Ironfounders,

MANCHESTER, WARRINGTON, AND LONDON.

The Amalgamated Firms of
THOMAS FLETCHER & CO., Warrington & London. | W. & A. C. RUSSELL & CO., Manchester & London.

National Telephone No. 1039.
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Scotia Foundry, Pendleton,
MANCHESTER.
Telegraphic Address, "[illegible], Manchester."

Makers of

- **KITCHEN MANTELS AND RANGES,** with Framed or Set-on Oven;
- **PARLOUR MANTELS,** Fine Cast or Enamelled, Enamel Painted or Berlin Blacked, with Tiles or Ornamental Cast-iron Panels;
- **OVERMANTELS** with **MIRRORS,** Fine Cast or Enamelled;
- **REGISTER STOVES,** Fine Cast or Berlin Blacked, with Bright Bead or Ormolu Moulding, Tiles, &c.;
- **MANTEL REGISTERS, WASH-HOUSE BOILERS COVERS** and **UNDER FITTINGS,** and **GENERAL COTTAGE FIXTURES;**
- **ARCHITECTURAL CASTINGS, PARK SEATS, HALL, SCHOOL and THEATRE SEAT CASTINGS, RESTAURANT TABLES, LAVATORY STANDS, &c.**

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GAS COOKERS,
and **GAS APPARATUS.**

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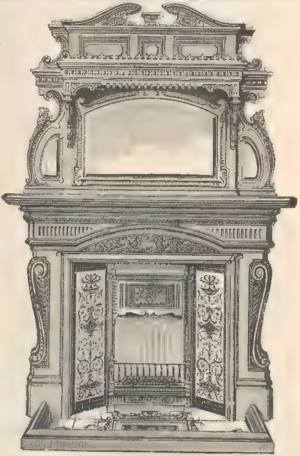
41, TABERNACLE STREET, E.C.
Telegraphic Address—"Gaseries. London."
MANCHESTER Showrooms:
30, KING STREET.
Telegraphic Address—"Gaseries, Manchester."

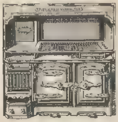


No. 155 MANTEL, and No. 27 OVERMANTEL,
With Balconettes, G Interior, No. 170 Curb, Slabbed Tile Panels, and Tile Hearth.
Registered Design

FLETCHER, RUSSELL & Co., Ltd.

M.P. GAS FIRE.

No. 414 TABLE.



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"P" Interior Grate.

With "OSBORNE" Back & Fret Size 22×38. Fire 15 in.

Tile Slabs can be supplied, 8 in., 10 in., and 12 in. wide, by 38 in. high, made up in various designs.

"Cawnpore" Gasfire.

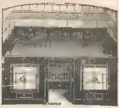
ALL DESIGNS REGISTERED. PRICES CAN BE HAD UPON APPLICATION.

F. EDWARDS & SON,

Stove, Grate & Range Manufacturers,

HOT WATER ENGINEERS, (See also Page 293).

54, GT. MARLBOROUGH ST., LONDON, W.



THE TILE KITCHENER.

ECONOMIC FIREPLACES

EXACTLY ON THE PRINCIPLES ADVOCATED BY

T. PRIDGIN TEALE, Esq., F.R.S., &c.,

IN HIS LECTURE AT

THE ROYAL INSTITUTION,

FEB 5th, 1886, ON

"The Principles of Fireplace Construction."

DOG GRATES, TILE GRATES

FIRE-LUMP GRATES.

SLOW COMBUSTION GRATES.

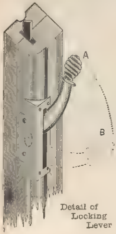
SMOKELESS GRATES.

VENTILATING GRATES.

WINDOW FITTINGS

FOR REVERSING SASHES.

(HENDERSON'S PATENT.)



Detail of Locking Lever

Simplest and Most Effective yet Invented.

In submitting this Invention to Architects, &c., we desire to call attention to the extreme Simplicity, the Utility, and Durability of these Fittings, as well as to their small Cost.

Their Advantages may be noted as under:

1. SIMPLICITY.—This is the great merit of this Invention. By simply moving handle A to position B, the Sashes may be reversed at will. There are no springs or intricate gearing to get out of order.

2. VENTILATION.—The Sashes slide in the ordinary way, and as they are self-balanced they can be opened as widely as desired for Ventilation. When closed they are air and water tight.

3. UTILITY.—Cleaning, Painting, and Glazing can all be done from the inside, thus avoiding the danger of performing these operations from the outside.

4. ECONOMY.—The fittings are very durable. Existing windows can be fitted with this Patent in a few hours at small cost.

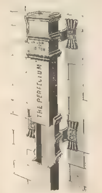
Estimates and Practical Advice on Application

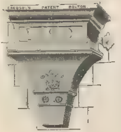
HENDERSON BROS., 28, CHURCH ST., BERWICK-ON-TWEED.

SANITARY RAINWATER PIPES.

Gregson's "PERFECTUM" has no equal.

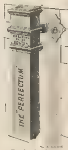
OPEN SECTION OF SLIDING SOCKET.
This [illegible] 3/9 per yard, less trade discount.





Ornamental Heads.

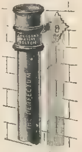
No. 2 PIPE.



Projects 1½ in

HEAVY SOIL PIPES, [illegible] Short lengths, 4d. per yd. extra. Less Trade Discount.

No. 3 PIPE.



Projects 1 in.

THE advantages of **Gregson's "Perfectum"** [illegible] exceed those of any other Patent Stack Pipe yet invented for simplicity in fixing and disconnecting when a defect occurs, thus preventing damage and disfigurement to walls [illegible] and [illegible]. The [illegible] pipe **projects** for painting behind and **keeps walls dry**. The patent ears or lugs are **cast on**, and the pipe is perfect and **complete in one casting**. It requires nothing but two galvanized nails to **hang** upon.

The **Patent Heads** are ornamental and strong; they project and will prevent dampness from overflow caused by birds' nests, and other accumulations. If ordered in time the date may be cast on free of charge.

PLEASE SAY DATE OR NO DATE.

PRICES OF HEADS.	in. 2½	in. 3	in. 3½	in. 4	in. 5	in. 6
	6/3	7/3	8/3	9/3	10/	12/6
	3 × 2½	3½ × 2½	4 × 3	..	..	..
	7/6	8/6	10/6	..	..	..

THE **Perfectum** Rainwater Pipes are **removable**, the nail holes being **slotted** as shown, they can be **lifted over** the nail heads, which are first driven into a wall joint, within ⅛-in. of the head, and the pipes simply **hang thereon**.

The long 7-in. socket also facilitates the easy removal of these pipes, by being able to slide out middle lengths, without removing the nails or other pipes when a leakage occurs.

The long 7-in. socket saves much time in fixing these pipes, as they will slide to **three brick joints** there being no need of [illegible] and plugging or cutting of pipes.

In fixing these pipes first drive the nails into a wall joint to within ⅛-in. of the head, then hang the pipes thereon.

The two bottom pipes may be locked with a chip of wood and putty pressed under the nail heads.

GALVANIZED NAILS, 3in. and 4in. 4d. per lb.

THIS No. 1 SQUARE PIPE PROJECTS 2¼ ins.

With Ornamental ears cast on as per sketch

Sizes	in. 3 × 2½	in. 3½ × 2½	in. 4 × 3	
	lbs.	lbs.	lbs.	per
Approximate Weight 6 ft. lengths	35	42	56	pipe
Prices—				
6 ft. lengths	3/-	3/3	3/9	yard.
2, 3, and 4 ft. lengths, extra	6d.	6d.	6d.	"
Plinth Bends, 3 in. projection, 2 ft. long	4/3	4/8	5/	each,
Shoes, 14-in. long	2/10	3/2	3/7	"

Less Trade Discount.

No. 2. SQUARE PIPE.

With ears cast on as per sketch

in. 3 × 2½	in. 3½ × 2½	in. 4 × 3	
lbs.	lbs.	lbs.	per
38	42	56	pipe
0/9	3/-	3/6	yard
6d.	6d.	6d.	"
4/-	4/5	4/9	each.
0/7	2/11	3/4	"

Less Trade Discount.

No. 3 "PERFECTUM" ROUND PIPE.

With ears cast on, as per sketch.
Swan Necks and Common Heads at usual prices.

in. 2½	in. [illegible]	in. [illegible]	in. 4	in. 5	in. 6	
lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	per
22	26	30	36	48	-	pipe.
1/4	1/5	1/9	2/1	3/-	3/8	yard.
2d.	2d.	3d.	3d.	4d	4d.	"
3/-	3/4	4/-	4/8		..	each.
1/10	2/2	2/6	2/11		-	"

All subject to Trade Discount.

CARRIAGE PAID TO ANY RAILWAY STATION, IN QUANTITIES OF NOT LESS THAN 3 CWT.

Samples of these Goods may be seen at Messrs GEORGE WRIGHT & Co, 155, Queen Victoria Street, E.C, and THE SANITARY INSTITUTE, Margaret Street W C; in WOLVERHAMPTON at The Town Hall Sanitary Exhibition Room, and in BRISTOL at Mr. MOSS FLOWERS' Sanitary Exhibition Room, Liverpool Chambers, Corn Street; also in the Technical School, Princess Street, Manchester.

Patentees & Manufacturers: GREGSON & CO., BATH STREET, BOLTON, LANCASHIRE.

JAMES GIBBONS,

Lock Manufacturer and Builders' Brassfounder,

ST. JOHN'S WORKS, WOLVERHAMPTON,

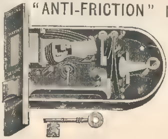
MANUFACTURER OF

PATENT PANIC FITTINGS FOR EXIT DOORS,

Suitable for THEATRES MUSIC HALLS, SCHOOLS CHURCHES & all Public Buildings

GIBBONS' PATENT "ANTI-FRICTION" MORTISE LOCK.

Friction reduced to a Minimum.



Follower as far back in a 6 inch lock as in an ordinary 7 inch.

No. 94—6 by ⅝ inch,	2 Brass Bolt, Steel Follower, Gun Metal Bushed	4/6	each
" 95—6 by ⅝ inch,	" " " " 2 Lever	5/6	"
" 96—6 by ⅝ inch,	" " " " 4 Lever	7/6	"
" 97—6 by ⅝ inch,	Best Quality, Gun Metal Bushed, 4 Lever, and Ornamental Key, as shown	9/6	"
" 97—7 by ⅝ inch,	" " " " "	11/-	"
" 98—7 by ¾ inch,	" " " " " extra strong	15/-	"
" 99—7 by ¾ inch,	" " " Gun Metal Bolts, extra strong	20/-	"

GIBBONS' PATENT "ROLLER" AXLE PULLEY.

AS SPECIFIED FOR H. M. POST OFFICES AND PRISONS.

Runs SMOOTHLY and NOISELESSLY, NEVER BECOMES JAMMED, And requires NO OILING.

Will last TWICE THE TIME of an ordinary Pulley.

50,000 Now Fixed in numerous important Public Buildings, and Mansions.

PRICES, with Brass Face and Solid Gun Metal Wheel and Roller .. 1¾ 22/- 2 26 2¼ inch 30 per doz

GIBBONS' SILENT CHECK-ACTION DOOR SPRINGS,

With GIBBONS' IMPROVED PHOSPHOR-BRONZE BEARINGS

GIBBONS' IMPROVED ASYLUM LOCKS AND FITTINGS,

As used in Claybury, Banstead, Dorset, Durham, Cork, Whittingham, Hartwood, N B, and many other Asylums

FANLIGHT GEARING OF EVERY DESCRIPTION.

Illustrated Price Lists on Application.

London Office & Show Rooms: **9, SOUTHAMPTON ROW, HOLBORN, W.C.**

JAMES GIBBONS, ST. JOHN'S WORKS, WOLVERHAMPTON.

Telegraphic Address "GIBBONS, WOLVERHAMPTON."

THE BEST CASEMENT BOLT

In the Market for Wood or Iron Casements.

The "Wedge-Tight." The "Wedge-Tight."

With Interchangeable Handle

SHOOTS TOP AND BOTTOM, AND HAS

HIGH

To Suit either Hand.

AN INTERMEDIATE FASTENING FOR

CASEMENTS.

PRICES.

5 ft. 3 in. and under, in Iron,
Berlin Black ... **5/-** each.

As above, with Brass Handle
8/6 each.

All Brass .. ... **10/-** „

This Bolt makes a Casement Wind and Water-tight.

PRICES.

If made to Lock **2/6** each extra

If made with Intermediate Fastening in Iron
1/- each extra

Do. In Brass **2/-** „

Lighter Wood Casements can be used, as only one inch of Wood is required for Fixing.

Adaptable for Inward or Outward

OPENING CASEMENTS.

The "WEDGE-TIGHT" is

Simple, Powerful, Unbreakable, Cheap.

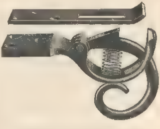
JAMES GIBBONS' School Specialities,
AS ADOPTED BY THE
MANCHESTER, SALFORD, OLDHAM, and other SCHOOL BOARDS.

GIBBONS PATENT WEIGHTED LATCH LOCK AND HANDLE.

The above is arranged so that *when it is locked the thumb latch can be worked freely*, thus preventing the Lock being forced.

PRICES.

No B 794. Complete with 2 Iron Handles .. .. 9/6 ea.
Ditto 2 Brass Handles 12/6 ..
Ditto 2 Bronze „ 14/6 ..

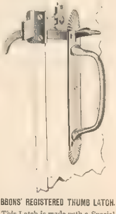


GIBBONS REGISTERED SPRING FANLIGHT CATCH.

TO WORK WITH POLE.

PRICES:

No. B 798 Iron .. .. 1/- each.
Brass .. .. 2/- „



GIBBONS' REGISTERED THUMB LATCH.

This Latch is made with a Special Keep, as shown, which is so constructed as to make it *impossible for children to wedge* it with pencils, &c., and prevent the door being opened.

PRICES.

No. B 795. Iron, 2/6; Brass, 5/- Bronze, 6/3 each.

GIBBONS PATENT FANLIGHT OPENER

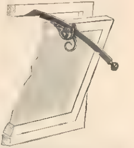
TO WORK WITH POLE.

This has no Springs, and is arranged so as to allow of the Fanlight being *fully opened for clea[illegible]*, as shown.

Prices. No B [illegible] Iron, 5/-; Brass, 7/6 each

No B 797.

WINDOW OPEN FOR CLEANING



GIBBONS REGISTERED FANLIGHT OPENER.

TO WORK WITH POLE.

This Opener securely *Locks the Window when Shut, [illegible] Open* 6 or 12 inches

By unscrewing knob at end of stay the window can be lowered for cleaning.

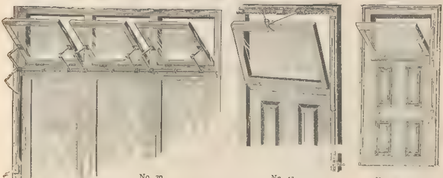
PRICES.

No. B 796. Iron, 4/-; Brass, 7 6 each.

JAMES GIBBONS,

St. John's Works, Wolverhampton.

FANLIGHT GEARING OF EVERY DESCRIPTION MADE TO ORDER.



No. 39 No 43 No 35

PRICES.

	To Open 1	2	3	4 Lights
No. 35.—For Fanlight hung at Top, Bottom, or Centre, with Iron Rod and Brass Regulators	12 -	20 -	30 -	40 each.
Do. do. all Brass .	16 -	30	40	50 ,,
No. 39.— Do. do. with Iron Rod & Brass Regulators, &c.	25 -	30 -	35 -	40 - ,,
No. 43.—Screw Apparatus complete, all Brass	20			,,
Do. do. extra strong	30 -	40 -	50 -	60 - ,,

Firth's Patent Fanlight Opener.

PRICES.

For Ordinary Fanlights and Casements,

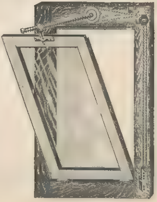
All Brass, 12 × ⅜ inch Rod,

Complete, with Pulley and Cord Rack, 8 6 each.

Do. do. 15 × ½ inch Rod.

12/- each.

ENDLESS CORDS EXTRA.



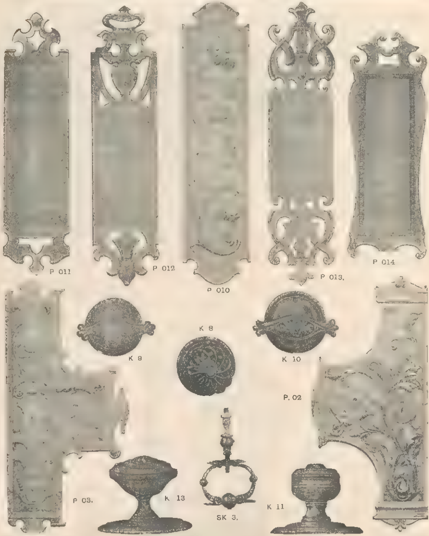
PRICES OF ENDLESS CORDS.

	s.	d
[illegible] feet .. .	0	6
[illegible] ,, ..	0	7
[illegible] ,, ..	0	9
[illegible] ,, ...	0	10
10 ,, .	1	0
12 ,,	1	3
14 ,, . .	1	6
16 ,, ...	1	9
18 ,, ...	2	0

CORDS ARE MEASURED THUS—

(← 9 FEET →)

JAS. GIBBONS, WOLVERHAMPTON, REGISTERED DESIGNS.



Prices of above Articles in Polished Brass, Copper, Silver Plated, Oxidized, or Electro Gilt may be had on application

HOBBS, HART, & Co., Ltd.,

Manufacturers of LOCKS to meet all Requirements.

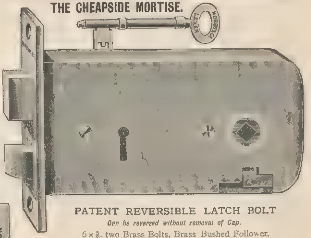
MORTISE & RIM LOCKS to differ and en suite for Public Institutions, Asylums, Prisons, Infirmaries, Palaces, Mansions, and Ordinary Dwellings.

Lock Furniture and Fittings in every material and to Architects' Designs.

40 PAGE LIST POST FREE ON APPLICATION.

CABINET LOCKS OF EVERY DESCRIPTION.

THE CHEAPSIDE MORTISE.



PATENT REVERSIBLE LATCH BOLT

Can be reversed without removal of Cap.

6 × ⅝, two Brass Bolts, Brass Bushed Follower.

List of Cabinet Locks, Fully Illustrated, 12 Pages, Free.

SPECIALITIES IN PANIC DOOR LOCKS FOR THEATRES AND PUBLIC BUILDINGS.

A Competent Representative will be sent to confer with Architects desirous of specifying H. H. & Co.'s Manufactures.

Having had many years' experience, and made a careful study of the requirements of Architects, Surveyors, and Engineers, we have from time to time developed special Locks, Iron Doors, and other Appliances to meet their demands, and believe we are justified in saying that for all works and buildings where security is required, our Manufactures will not only be found most suitable, but that they can be supplied at such prices as will compete successfully with other makers. The large output of all kinds of Locks and Fastenings has enabled us to lay down Plant, and to employ specially skilled workmen, automatic machinery, &c., giving us facilities for production that are not excelled.

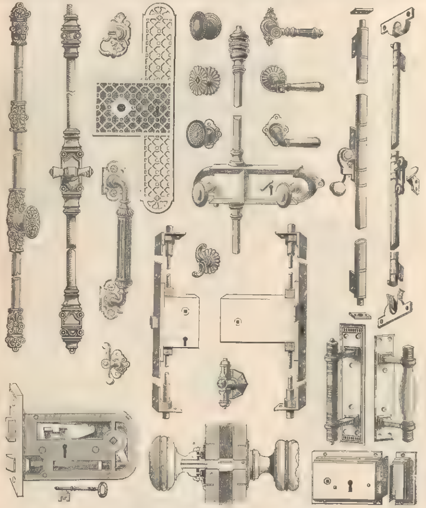
Showrooms—76, CHEAPSIDE, LONDON, E.C.

Offices and Works: **ARLINGTON STREET, ISLINGTON, N.**

SEE ALSO PAGE IN SEC. D.

HART, SON, PEARD & CO., LD.,

Manufacturing Export & Builders' Ironmongers.

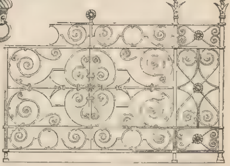


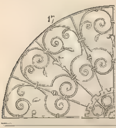
Catalogue, 72 Pages, 600 Illustrations and Prices, also Estimates, free

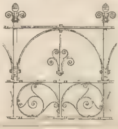
Factories: DRURY WORKS, LONDON, and

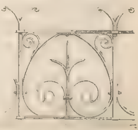
88 to 91, DRURY LANE, STRAND, W.C.,

Wrought Ironwork, Gas, & Electric Fittings.





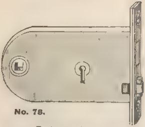




GROSVENOR WORKS, BIRMINGHAM.

JAMES HILL & Co., 100a, Queen Victoria St., LONDON, E.C.

HILL'S LOCKS AND FITTINGS.



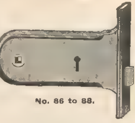
No. 78.

Malleable Case "Centre Bit," 6 inch Reversible Mortise Locks.
Easy to Fix Durable and Good Value.
No. 86, 3/6. No. 87, 4/-. No. 88, 5/3 ea

Hand-made 2 Lever Bushed 6 inch Mortise Locks. No. 85, 3/6 each

Best Hand-made 2 Lever Gun Metal Bushed, 6 inch Mortise Lock. No. 53, 4/9 each

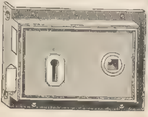
Gun Metal Roller Bolt, Best Hand-made Gun Metal bushed, 2 Lever No. 78, 6 in., 6/6.



No. 86 to 88.

Estimate for Master Key arrangement, and Lists of Door Furniture on application.

Extra Secure Staple.



No.	Per Dozen	5	6	7	8 inch
1.	Hill's Patent Reversible Rim Locks, Iron Bolts, Sash Wards	23/-	24/-	—	—
2.	Do do Brass Bolts	29/-	30/-	—	—
5	Do do Iron Bolts Solid Wards Extra Strong	—	34/-	40/-	48/-
8.	Do. do. Brass Bolts do. do. ..	—	40/-	48/-	57/-
13	Do. do. do. 2 Lever do. ..	—	50	58/-	—
14	Do do do 4 Lever do	—	66	74/	—

SUITE LOCKS with MASTER KEYS TO ORDER.

HILL'S BEST
BRASS AXLE PULLEYS.

PER DOZEN

No. 1810. $1\frac{1}{2}$ $1\frac{3}{4}$ 2 in. wheel.
4/- 4/6 5/6
Brass Face Brass Wheel

No. 1811. $1\frac{1}{2}$ $1\frac{3}{4}$ 2 $2\frac{1}{4}$ in. wheel
5/- 5/6 6/6 9.
Brass Bushed Brass Face & Wheel.

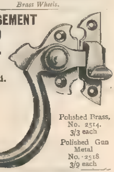
No 1956
$1\frac{1}{2}$ $1\frac{3}{4}$ 2 $2\frac{1}{4}$ $2\frac{1}{2}$ in. wheel.
6/9 8/6 9/9 12/- 15/6
Cast Brass Face, Brass Wheel and Bush

No. 2392. 2 in. $2\frac{1}{4}$ in. wheel.
7/8 9/6
Special, with Wrought Cheeks, Gun Metal Bushed Cast Brass Face, Brass Wheels.

HILL'S REGD. CASEMENT STAYS AND FASTENERS.

Regd.

No. 1298. Polished Brass, Wedge Action, Fluted Bar .. 10 in., 3/8 12 in., 4/ each
" 1299. " " Pin and Hole " .. 10 in., 2/8; 12 in., 3/ "
" 2524. " Gun Metal, Pin and Hole " .. 12 in. 3/3 "



Regd.

Polished Brass, No. 2514. 3/3 each
Polished Gun Metal No. 2518 3/9 each

HILL'S "JASIL" SECURE STRONG BRASS SASHFASTENERS.

No. 1128.

No. 1128. 3 inch, 15/- doz.

Narrow Pattern, 3in. × $\frac{3}{4}$in. Plate, No. 1139, 14/- doz.

Extra Strong Polished Gun Metal, Hopkinson's Sashfastener, No. 1408, 3in. 24/- doz

LARGE STOCK
AND
SHOW ROOM.

TRADE (JASIL) MARK.

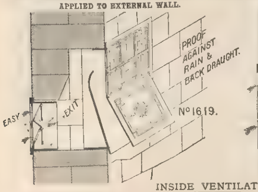
ARCHITECTS waited upon by Competent Men by appointment.

ESTIMATES FREE for all kinds of LOCKS, BRONZE, ALUMINIUM, or BRASS FITTINGS.

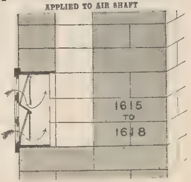
JAMES HILL & Co., 100a, Queen Victoria St., LONDON, E.C.

HILL'S PATENT NOISELESS SILK FLAP VENTILATORS.

APPLIED TO EXTERNAL WALL.



APPLIED TO AIR SHAFT



INSIDE VENTILATORS.

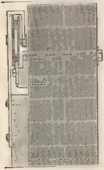
No. 1615, Painted Steel Trellis Fronts, 9 in. × 6 in. Box 6/- each.
No. 1616, " " " 9 in. × 9 in. " 6/6 "

No. 1617, Brass Trellis Fronts 9 in. × 6 in. Box 9/- each.
No 1618, " " 9 in. × 9 in. " 10/6 "

OUTSIDE VENTILATORS.

No. 1619, Painted Steel Trellis 15 in. × 9 in. Box 12/6 each.

No. 1634, Brass Trellis Fronts 15 in × 9 in Box 14/6 each



HILL'S MALLEABLE GUN-METAL BUSHED STEEL AXLE SLIDING DOOR GEARING.

No. 236 for SINGLE DOORS.

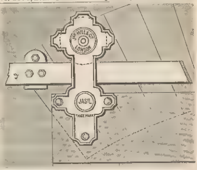
Width of Opening	4 ft.	5 ft.	6 ft.	7 ft.	8 ft.	9 ft.	10 ft.	12 ft.
	24/6	29/6	34/6	51/6	52/6	74/-	75/-	97/6 per set complete.

No. 237 for DOUBLE DOORS.

Complete

Width of Opening	5 ft.	6 ft.	7 ft.	8 ft.	9 ft.	10 ft.	12 ft.	14 ft.	16 ft.	20 ft.
	48/6	51/6	57/6	59/6	69/6	70/	81/	100/-	110/-	140/-

WITH BEST WROUGHT BAR, BOLTS, AND NUTS AND WASHERS READY FOR FIXING

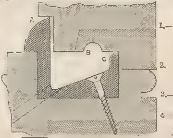


HILL'S (Registered.) SOLID BRASS WATER BAR.

Specially recommended for Casements Opening Inwards.

No. 1690. 3s 6d. per foot.

Cut to any Length

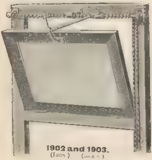


ADVANTAGES.

1.—The Channel being sloped, the Screw Head can never be in water, thus preventing the sill from being rotted.
2. The strength of the portion at A prevents damage by stepping on to the sill.
3.—The Bar being in ONE piece facilitates the fixing.
4 It is the Cheapest, Strongest and Simplest in the Market.

JAMES HILL & CO., 100a, Queen Victoria Street, London, E.C.

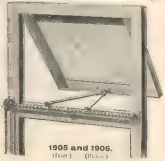
HILL'S PATENT FANLIGHT OPENERS,



1902 and 1903.
(Iron) (Brass)

SUITABLE FOR LIGHTS HUNG ANY WAY.
Also made with ROD ACTION and WINDING HANDLE instead of Cord.

At about 10s. per Set extra.



1905 and 1906.
(Iron) (Brass)

PRICES—Each.

No.		Length of Screw	15 in.	18 in.	24 in.
1902	Opener, for Lights opening in, Brass Screw (½ inch) and Iron Fittings	.. ..	7/6	8/6	10/6
1903	" " " " " (") " Brass "	.. ..	11/6	13/6	15/6
1905	" for Lights opening out " " (") " Iron "	.. ..	8/-	9/-	11/-
1906	" " " " " (") " Brass "	.. ..	12/-	14/-	16/6

Above Fanlight Fittings are priced for Flush Lights (as shown), but are also made to suit Recessed Lights.

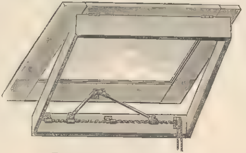
SKYLIGHT OPENERS.

ENDLESS CORDS,

for ½ inch Screws,
From 6d. each.

Do. Do.

For ⅝ inch Screws,
From 8d. each.



ENDLESS CORDS,

For ¾ inch Screws,
From 10d. each.

Do. Do.

For 1 inch Screws,
From 1/- each.

PRICES—Each.

No.		Length of Screw	15 in.	18 in.	24 in.
2350	IRON Fittings and Brass Screw (⅝ inch diameter, and 2½ inch wheel)	.. ..	12/6	15/-	17 0
2351	" " " " (¾ inch " " 3 inch ")	.. ..	16/6	20/-	23 6
2352	" " " " (1 inch " " 4 inch ")	.. ..	27/-	30/-	35/
2353	BRASS Fittings " " (⅝ inch " " 2½ inch ")	.. ..	17/5	21/-	23 6
2354	" " " " (¾ inch " " 3 inch ")	.. ..	23/6	27/-	30
2355	" " " " (1 inch " " 4 inch ")	.. ..	37/-	40/-	46

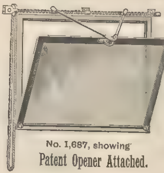
NOTE. 15 in. Screw will open Fanlight about 5 in., and has plain end to suit lights up to 2 ft. 3 in. wide.
18 in. " " " " 7 in., " " " " " 3 ft "
24 in. " " " " 9 in " " " " " 4 ft. 6 in. "

JAMES HILL & Co., 100a, Queen Victoria Street, London, E.C.

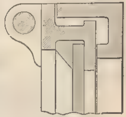
HILL'S WROUGHT IRON CASEMENTS,

And Transom Lights.

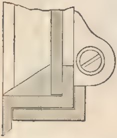
N°1687



No. 1,687, showing Patent Opener Attached.

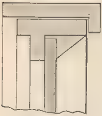


N°1688



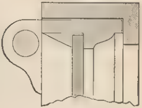
FOR PRICES OF OPENERS

See Preceding Page.

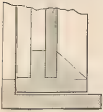


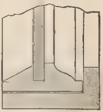
N°1736 (ON CENTRES)

PRICES ON APPLICATION FOR IRON, BRASS, OR GUN METAL, ETC.



N°1735





Art Metal Work of all kinds.

Architects will please insert Pattern Nos. as well as Name in their Specifications.

JAMES HILL & CO., 100a, Queen Victoria Street, London, E.C.

K'S NEW PATENT LEVER LOCK.

This Invention gives Greater Strength, Security, and Lasting Qualities over all other Locks, and is made to Master, Grand Master, and Superior Grand Master Keys.

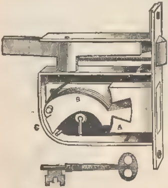


Fig. 1.

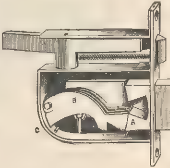


Fig. 2.

Fig. 3.

Fig. 1 shows the Lock Bolt drawn in. Fig. 2 shows the Lock Bolt Shot out.
Fig. 3 shows K's Patent Adjustable Striking Plate.

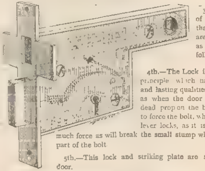


Illustration of K'S PATENT YORKSHIRE MORTISE LOCK,

Which is unlatched by turning the Handle.

1st.—There is no projecting latch at the edge of the door, as the latch is in the striking plate, and shielded by the rebate of the door pillar.

2nd.—The handles can be fixed firmly to the door by long screws above, below, and behind the spindle-hole.

3rd.—The working surfaces of the follower are so large that they will never wear and are independent of the case, as the spiral spring keeps the follower fast in position

4th.—The Lock is **K'S** Patent New Lever principle which has great strength security and lasting qualities over all other lever locks, as when the door is locked the levers are a dead prop on the bolt, and make it impossible to force the bolt, which is easy to do with other lever locks, as it is only necessary to use as much force as will break the small stump which is riveted into the thin part of the bolt.

5th.—This lock and striking plate are suitable for either hand of door.

JOSEPH KAYE & SONS, LTD., make Locks. Bolts, Latches and Handles for every kind of Door Desk, Cupboard, Drawer, Cart, Wagon, and Carriage Door of every kind, particularly for Railway, Brougham, and all other Carriage Doors which either slide or swing; also Safety Exit Fittings for Theatre Doors, and other Public Buildings. Price Lists, Samples and Estimates, Supplied Free.

Works: SOUTH ACCOMMODATION ROAD, LEEDS.
London House: 93, HIGH HOLBORN, W.C.

Telegrams: "LEBROYLE."

Established 1745

Telephones: New, 648. National, 891.

LEECH BROS. & CO.

MANTEL PIECES In MARBLE, WOOD, and CAST IRON.

DOG GRATES, Tile Registers, Interiors, Hob-Grates, and Mantel Registers in Great Variety.

KITCHEN RANGES Fitted with Improved Lifting Fire, and Open & Close Fire arrangements.

Cooking and Heating Stoves for Oil, Gas, and Coal.

STABLE & COW HOUSE FITTINGS.

SPECIAL ATTENTION TO ARCHITECTS' DESIGNS.

DESIGNS SENT ON APPLICATION.

Heating, Ventilating, Sanitary and Domestic ENGINEERS,

20 & 22, OLD MILLGATE. CANNON STREET IRON WORKS,
MANCHESTER.

W. & R. LEGGOTT, LTD.

MANUFACTURERS TO HER MAJESTY'S GOVERNMENT.

BY HER MAJESTY'S ROYAL LETTERS PATENT.

Several Medals and Diplomas awarded to

Leggott's Adjustment for Opening & Closing Fanlights, & Lifting Skylights.

REDUCED PRICE LIST.

"Silens" for Fanlights.

No. 2. Malleable Iron with Gun Metal Working Parts..	2/9
No. 2. All Gun Metal	3/9

No. 2 opens 10 in., and is suitable for Windows about 2 ft. square, or similar area.

No. 6. Malleable Iron with Gun Metal Working Parts	4/-
No. 6. All Gun Metal	5/9

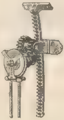
No. 6 opens 15 in., and is suitable for Windows about 3 ft. square, or similar area.

No. 8. Malleable Iron with Gun Metal Working Parts	7/6
No. 8. All Gun Metal	16/3

No. 8 opens 18 in., and is suitable for large heavy Windows.

These are made to fix in almost any imaginable position, and are always locked when open or closed.

"Silens" for Skylights.



No. 3. Malleable Iron with Gun Metal Working Parts	3/6
No. 3. All Gun Metal	5/-

No. 3 opens 10 in., and is suitable for Skylights 2 ft. long and 1 ft. 3 in. wide.

No. 5. Malleable Iron with Gun Metal Working Parts	5/-
No. 5. All Gun Metal	7/3

No. 5 opens 15 in., and is suitable for Skylights 3 ft. long and 2 ft. wide.

No. 7. Malleable Iron with Gun Metal Working Parts	9/-
No. 7. All Gun Metal	22/-

No. 7 opens 18 in., and is suitable for Skylights 4 ft. long and 3 ft. wide.

For Roof Lights above this size we make a Special Powerful Opener.

THE "SILENS" OPENERS ARE UNSURPASSED.

IMITATED BUT UNEQUALLED. QUALITY IMPROVED. PRICE REDUCED.

To avoid the use of **Spurious Imitations** *of our Patents Consumers will do well to note that our Trade Mark* **"SILENS,"** *is cast in every Adjustment.*

LARGEST MAKERS IN THE WORLD.

W. & R. LEGGOTT, Ltd.,

226, High Holborn, LONDON, W.C.; and Silens Works, BRADFORD.

Telegraphic Address—"SILENS, BRADFORD." All our Openers are marked "Leggott's." (See Forward.)

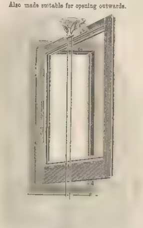
W. & R. LEGGOTT, LTD.

"SILENS" AS FIXED TO FANLIGHT.

For Prices of "Silens" Openers see previous page.

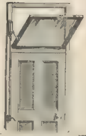
"SILENS" AS FIXED TO A FRENCH CASEMENT.

Also made suitable for opening outwards.



This Opener is very suitable for heavy casements.

THE "WILMOS."

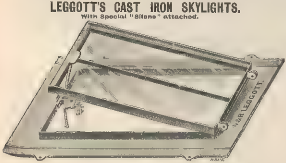


"SILENS" AS FIXED TO WOOD SKYLIGHTS.

If dimensions are given, we can raise and lower any Skylight.

LEGGOTT'S CAST IRON SKYLIGHTS.

With Special "Silens" attached.



These Iron Skylights are supplied with Leggott's Specially made Openers attached. The following sizes are in Stock, and can be despatched on receipt of order.

DAYLIGHT SIZES.

16 in. × 12 in.	12s. 6d.	30 in. × 16 in.	16s 6d.	36 in. × 24 in	22s. 0d	48 in. × 36 in.	31s. 0d.
20 in × 14 in.	14s. 3d.	30 in. × 18 in.	17s. 0d	36 in. × 30 in.	22s 6d.		
24 in. × 18 in.	15s. 3d.	36 in. × 20 in.	18s 0d.	42 in × 30 in.	26s 6d.	Cords Extra.	

DELIVERED IN BRADFORD.

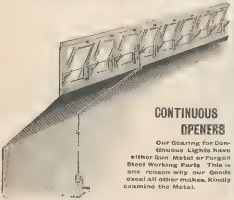
OTHER SIZES MADE TO ORDER.

SEE FORWARD PAGE.

W. & R. LEGGOTT, Ltd.

Telegraphic Address "SILENS, BRADFORD."

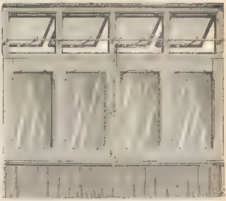
GEARING FOR RANGES OF LIGHTS.



CONTINUOUS OPENERS

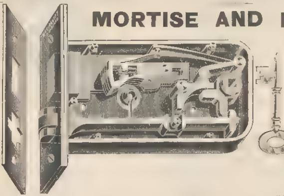
Our Gearing for Continuous Lights have either Gun Metal or Forged Steel Working Parts This is one reason why our Goods excel all other makes. Kindly examine the Metal.

Rod Action for Lantern Lights, &c.



Rod Action.

MORTISE AND RIM LOCKS.



If made to differ and Master Keys to pass, 1/- per Lock extra.

Master Keys	.. ..	2/6 each
Additional Suite Key	..	1/6 ,,
Additional Ordinary Key		1/- ,,
Half Rebates	.. ..	1/6 extra
Full Rebates	. ..	3 ,,
Roller Bolt .	.. ..	1 3 .

No. 32.	½ in. 6 in. 2 Lever, Solid Ward, Gun Metal Interior, Latch Bolt Reversible, Steel Followers		.. ..	4	0
No. 34	[illegible] in 6 in. 4 Lever	ditto	.. ..	4	6
No. 37	[illegible] in 6 in 2 Lever	ditto	.. .	4	4
No. 39	[illegible] in 6 in 4 Lever	ditto	. ..	5	0
No. 42.	[illegible] in. 6 in 2 Lever	ditto	. .	5	0
No. 44	[illegible] in. 6 in 4 Lever	ditto	.. .	5	9
No. 47	[illegible] in 6 in 2 Lever	ditto	.. .	5	7
No. 49	[illegible] in 6 in 4 Lever	ditto	. .	6	4
No. 52	[illegible] in. 6 in 2 Lever	ditto	.	7	0
No. 54	[illegible] in. 6 in 4 Lever	ditto	.. .	8	0
No. 57	[illegible] in 6 in 2 Lever	ditto	Strong .	7	9
No. 59	[illegible] in 6 in 4 Lever	ditto	,, .	8	6
No. 62	[illegible] in. 6 in. 2 Lever	ditto	.	9	6
No. 64	[illegible] in. 6 in 4 Lever	ditto	.. ..	10	3
No. 67	[illegible] in 6 in. 2 Lever	ditto	Extra Strong.	10	0
No. 69	[illegible] in 6 in. 4 Lever	ditto	,, ..	12	0

MATHIESON, WILSON, & CO.,

Artistic and General Ironfounders,

Telegraphic Address, "THISTLE, ARMLEY."

Armley, LEEDS.

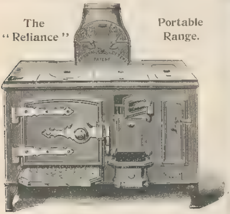
Telephone No. 434.

Makers of Railings, Crestings, Finials, Verandahs, &c., Tiled Register Stoves and Mantels.

LARGEST OVENS. SPLENDID COOKER.

[illegible] has separate dampers for oven and fire, placed high up, [illegible] moved, and remain where placed. Large cleaning [illegible] giving access to back flues up or down

The "Reliance" Portable Range.



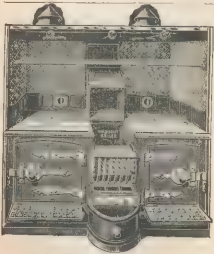
No. 66. —Mantel Register.

No. 130.—Railings and Gate.

SUPPLIED THROUGH ALL THE LEADING IRONMONGERS, SMITHS, &c.

McDOWALL, STEVEN & Co., LTD.

Telephone—No. 1789. (LATE STEVEN BROS. & CO.) Telegrams—"STEVEN BR[illegible], LONDO[illegible]."



No. 52M, "THE McDOWALL."

No. 52M.—EXTRA STRONG DOUBLE OVEN KITCHENER WITH TILED COVINGS.

With OPEN and CLOSE and LIFTING FIRE arrangements.

	48	54	60	66	72 ins.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	[illegible] d.
30 ins. high × 22 deep ..	26 12 6	27 12 6	29 2 6	30 17 6	[illegible] 0
With Wrought ARCH Boiler ..	28 15 0	30 0 0	31 17 6	33 17 6	35 15 0
With Wrought BOOT Boiler with Arched Flue	30 15 0	32 2 6	34 2 6	36 5 0	[illegible]

No. 87F.—STRONG KITCHENER.

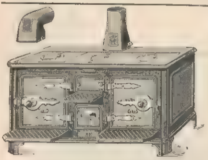
Oven and CAST Side Boiler.

	36	39	42	45	48	54	60 ins.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	[illegible]	[illegible]	[illegible] s. d.
26 ins. high × 18 ins. deep	7 17 6	8 5 0	8 10 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28 ins. high × 20 [illegible] deep	—	[illegible]	[illegible] 6	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

If with "THE McDOWAL[illegible] OPEN & CLOSE LIFTIN[illegible] arrangement 45/- extra.

No. 87F "THE MAYFAIR."



No. 138.—DOUBLE OVEN "METROPOLE" RANGE.

48in. wide × 30in. high × 23in. deep £10 10 | 54in. wide × 30in. high × 23in. deep £12

Wrought Welded High Pressure Boiler with Arch Flue.

For 48in. Range £2 5 0 extra. For 54in. Range £2 8 0 extra.

Strong Sheet Top with Register Door 48in. 10/-, 54in. 11/- each extra.

Strong Rivetted Pipe in 2 feet lengths 1/6 per foot.

LARGEST AND MOST COMPLETE STOCK IN ENGLAND

Our Kitcheners are used and recommended by the most eminent Architects and Contractors.

McDOWALL, STEVEN & Co., Ltd., 4, Upper Thames St., London, E.C.

McDOWALL, STEVEN & Co., LTD.

(Late STEVEN BROS. & Co.)

Telephone [illegible] Telegrams [illegible] LONDON.

No 676.—NEW PATTERN "SANDRINGHAM"

[illegible] the one placed [illegible] working upon a rack [illegible] at any point enabling [illegible] regulated [illegible]

The back and sides of the grate are entirely of Fire Brick of an improved form (as recommended by Dr. Teale), by which a [illegible] greater amount of heat is radiated into the room, and [illegible] arrested [illegible] before reaching the chimney.

The opening [illegible] register door being [illegible] [illegible] ward at top to within [illegible] canopy, the draught is quickened, while the [illegible] by means of the solid tight fitting [illegible]

[illegible] but that shown fitted [illegible] to the ordinary [illegible] of heat.

After [illegible] be easily [illegible] the chimney. Should, therefore, the [illegible] canopy render its replacement necessary [illegible] be effected without the removal [illegible]

	[illegible]	[illegible]	[illegible]	[illegible]
Ground Front and Berlin Blacked with Printed Tiles	£3 0 0	£3 3 0	£3 5 0	£3 10 0 ea.
Ground, Glazed & Berlin Blacked with Brass Knobs on Bars & Canopy with Colored Tiles	£3 10 0	£3 12 6	£3 15 0	£4 0 0 ea.

THE MARLBOROUGH

No. 933.—"MARLBOROUGH" INTERIOR WITH ROYAL YORK FIRE.

The above Engraving illustrates the Bars half lowered.

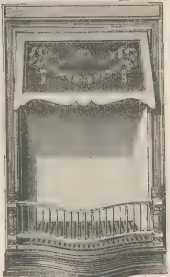
[illegible]

Price, Best Black £3 5 0

"MARLBOROUGH" GRATES IN ALL DESIGNS.

Tile and Register Stoves of every description kept in Stock:—

The
"Marlborough,"
"Sandringham,"
"Abbotsford,"
"Cambridge,"
"Chatsworth,"
"Waverley,"
"Parsons,"
"Rugby,"
"Teale,"
Etc., Etc.



No. 876.

No. 876.—INTERIOR.

With Brick Fire on the Teale principle, and with Adjustable Canopy, acting in the place of Register Door.

SIZES
18, 20 [illegible] & 24 ins. [illegible] ins. high

FIRES.
1[illegible], 1[illegible], [illegible] ins.

Ground, Glazed, and Berlin Blacked, with Brass Knobs on Bars and Fret, £2 18 6 each

Do. with Electro-Bronzed Panels in Canopy, £3 5 0 each

This Interior can also be supplied in Brass with Repousse Panels, and in cheaper finishes, if required.

New Illustrated Catalogue of Stoves, Chimney Pieces, &c., on Application.
LARGEST AND MOST COMPLETE SHOWROOMS IN ENGLAND.

McDOWALL, STEVEN & Co., LTD., 4, Upper Thames Street, London, E.C.
(LATE STEVEN BROS. & CO.)

Anglo-American Frictionless Hanging Rollers
FOR SLIDING DOORS.

COW BYRE STABLE AND LOOSE BOX FITTINGS.

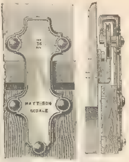
Garden Seats, Cast Metal Vases in Great Variety.

COLUMNS, SPOUTS, PIPES, VALLEY GUTTERS, HOT WATER PIPES, &c.

Catalogue of above, and various Implements, &c., on Application.

MANUFACTURED BY

MATTISON & Co., BEDALE.



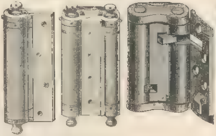
WILLIAM NEWMAN & SONS' PATENT DOOR SPRINGS, AND SPRING HINGES.

NEWMAN'S NORTON SYSTEM.

The Best Door Spring and Check for closing Doors without noise

Pressure is **Direct**, but diminishes pleasantly as Door is opened.

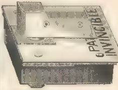
Made also with Newman's Patent Regulator to close Doors with stubborn latch bolt.



NEWMAN'S PATENT REGULATING HELICAL SPRING HINGES.
With Patent Stop to prevent overwinding.

The power can be instantly taken off while the Hinges are being fixed, and afterwards adjusted to close the Door Conveniently. They cannot be overwound.

Made in Brass and Iron, 3, 3½, 4, 4½, 5, 6, and 7 inches.



NEWMAN'S PATENT INVINCIBLE
With and Without Pneumatic Check

Will hold Door **rigidly** to **centre**, but diminishes in power as Door is opened, allowing comfortable passage through

The Best Spring to close Door **against wind pressure**, and the most suitable for Banks, Schools, and other public buildings

Made in sizes to suit all doors.

Architects who have not already specified our Goods are respectfully requested to try them.

Established over 100 years. | WILLIAM NEWMAN & SONS, HOSPITAL STREET, BIRMINGHAM. | Established over 100 years.

O'CONNOR, LIMITED,
GAS AND HOT WATER ENGINEERS.
WAVERTREE, LIVERPOOL. (Telephone No. 2,539

O'Connor's Improved Patent Double Action Spring Hinges for Swing Doors.

PRICES.

	Size of Plate.	Depth of Box.	With Strap.	With Shoe.
No. 9. Fitted with 1 spring for light doors up to 24 in wide	7½ × 5	1⅞	18/6	21/-
„ 10. „ „ 2 „ „ medium doors „ 30-in. „	7½ × 5½	2¼	25/-	27/6
„ 11. „ „ 2 stronger springs „ large doors „ 33-in. „	8¼ × 6¼	2½	30/-	33/-
„ 12. „ „ 3 „ „ extra strong doors 36-in. „	9¼ × 7	3¼	35/-	38/6

When the doors are exposed to strong winds, No. 10 should be used for doors 24-in. and 27-in wide, No. 11 for 30-in. and 33-in. wide.

May be obtained *retail* from any Ironmonger; *wholesale* from any Hardware Merchant; or direct from the Patentee and Sole Manufacturers, O'CONNOR, LIMITED.

MESSENGER & COMPANY.

SCHOOL BOARD WINDOW OPENING APPARATUS.

ADVANTAGES.

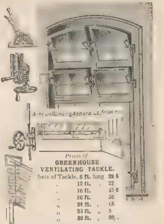
The legs being made with a rule joint, no wind can move the lights, and all rattle and noise is prevented.

The lights can be locked open at any point, and can be left open, yet secure, at night.

The handle is movable, so that the lights cannot be tampered with by children.

PRICES.

Single Set, to open one light	17/-
" " two lights abreast	22/-
Double Set, to open three lights, as above .. .	30 -
" " four " "	35.



MESSENGER & CO.,
HORTICULTURAL BUILDERS & HOT WATER ENGINEERS
Works. LOUGHBOROUGH, LEICESTERSHIRE
London Office. 98a, Victoria Street, Westminster, S.W.

Pure Rain Water.

RUNNING TO WASTE

THE RAIN-WATER SEPARATOR

Prevents the first portion of the rainfall passing into the storing tank. It cants and stores the water when the rain has washed the roof.

Price from £3 to £6.

Medals: Architects Society, 1887, & Health Exhibition, 1884.

RUNNING TO STORAGE

PARKHILL WETHERBY, YORKSHIRE, *May 25th*, 1893.

DEAR SIR,—My Separators have all worked, on the whole, very well and I should never think of building a house without making provision for one.—Yours truly, T. S. KENNEDY.

RAILWAY DRIVE, WOLVERHAMPTON, *28th November*, 1894.

DEAR SIR,—I have had one of your Separators in use for nearly three years with every satisfaction Even in this smoky district we have perfectly clean soft water.—Yours faithfully, CHAS. ELWELL.

From DR. CREW, *Manor House* HIGHAM FERRERS *6th November*, 1895

DEAR SIR, I have now had one of your Rain Water Separators in constant use for some years It works well, I am pleased to say, and gives entire satisfaction I consider it a most useful invention.—Yours truly JOHN CREW.

C. G. ROBERTS, Haslemere, Surrey.

SIM'S PATENT CASEMENT WINDOW.

HINGED TO OPEN INWARD ABSOLUTELY WATERTIGHT.

JOHN SIM, Architect, Montrose, N.B.

Supplied to H.M. Public Works Office, Royal National Lifeboat Institution, &c. Diploma, Edinburgh, 1890. Diploma & Gold Medal, Paris, 1891. Diploma, Birmingham, 1892.

Section

Absolutely Watertight Sash Rises and Opens Inward, Simple, Durable. No Stay required. Gun Metal Hinges. With or without Springs. Fails automatically when closed. Guaranteed Five Years. Drawings and Particulars on application. USED FOR LIGHTHOUSES.

PRICE—Fittings from 10s. 6d. per Set.

Apply— JOHN SIM, ARCHITECT, Montrose, N.B.

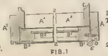
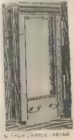


FIG. 1

Or Messrs. BAIRD THOMPSON & Co Sanitary Engineers. 26, Bath Street, GLASGOW.

Section



ARCHITECTS PLEASE EXAMINE.

THE PALACE STOVE CO.,

(Formerly HARRY HUNT & Co.)

12, New Oxford Street, London, W.C.

HUNT'S NEW "RUMFORD-TEALE" FIRE-PLACES.

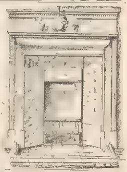
THESE Fire-places are the cheapest and most efficient, and for economy they are unequalled.

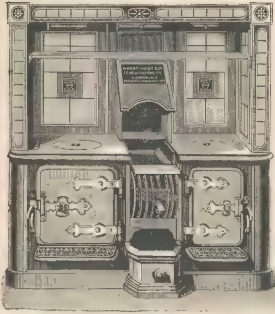
They are designed upon the plans advocated by COUNT RUMFORD and Dr PRIDGEN TEALE, with improvements introduced by ourselves, to facilitate setting (or fixing), which has hitherto been the great drawback to this class of Fire-place. These Fire-places not only cost about 30 per cent. less than others of similar construction, but can be fixed by any Bricklayer or Stove setter for one third the cost of the earlier kind, which had to be done by experts.

FIRE-PLACES MADE TO ARCHITECTS' OWN DESIGNS.

Special Hot Air Grates for Warming Large Rooms.

CATALOGUES AND FULL PARTICULARS POST FREE, OR ON APPLICATION AT SHOW ROOMS.





HUNT'S PATENT KITCHENERS,

WITH Adjustable Lifting Grate, open and close fire. Bottom heat to Oven. The most perfect in operation, and the cheapest. Can be seen at our Show Rooms,

12, NEW OXFORD STREET, W.C.,

or full Catalogue will be sent post paid.

No False Bottom required with Hunt's Patent Kitcheners.

This Patent Lifting Grate can be applied to old Kitcheners, without removal, rendering them as efficient as most modern ones. A complete apparatus, ready for fixing to an old Kitchener, 20/-.

TESTIMONIALS ON APPLICATION

HUNT'S "HYGIENE" ENTRANCE HALL STOVES.

FOR Warming and Ventilating the Entrance Halls of Dwellings, thereby equalizing the temperature throughout the house, and rendering the Passages, Staircases, and Lobbies, Warm, Healthy, and Comfortable. This Stove will burn any kind of Smokeless Fuel, Coke and Anthracite in particular. The Combustion is thoroughly under control, and it will remain alight continuously throughout the winter, when necessary. The Fire in these Stoves can be seen through the mica panes, which gives a very cheerful appearance.

We have Hundreds of Letters testifying to their efficiency.

THE PALACE STOVE Co., 12, New Oxford Street, London, W.C.
(Formerly HARRY HUNT & Co.)

Patentees & Makers of Kitcheners, Warming Stoves, Art Fireplaces, &c.

R. H. & J. PEARSON, Ltd., Specialities.

MANUFACTURERS OF ALL KINDS OF STOVES, RANGES, AND COOKING APPARATUS.

Patentees of the "PEARSON" PRIZE MEDAL SLOW COMBUSTION KITCHENER.

THE "PEARSON" PATENT OPEN AND CLOSE FIRE COOKING RANGE.

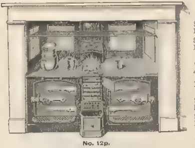
THE MOST EFFECTIVE AND ECONOMICAL BEFORE THE PUBLIC

Constructed on Slow Combustion Principles.

Will Roast, Bake, Boil, or Stew with an Open Fire.

DESCRIPTION.

Consists of a large Wrought Iron Oven and Roaster, thoroughly ventilated, with self-acting steam escape, patent slow combustion bottom and hollow cheeks at sides of fire, fitted with hot-air passages, wrought lap-welded high-pressure boiler for hot water and bath supply, open and close fire arrangement, wrought iron plate-rack, &c.



No. 12p.

SIZES AND PRICES.

No 12p.—30 in. high from hearth to hot plate, 20 in deep, with two large wrought iron ovens and wrought lap-welded high-pressure boiler, double dripping pans and meat stand.

Sizes	48 in.	51 in.	54 in.	57 in.
Price	£20 15s.	£21 5s	£22 5s	£22 15s.
Sizes	60 in	66 in.	72 in.	
Price	£23 10s.	£25 10s.	£31 10s.	

If with Tile covings, sizes 48 in., 51 in. and [illegible] in. 40/-; 57 in. and 60 in., 45/-; 66 in. and [illegible] in., 50/- extra each.

No 10p.—With Wrought Iron Roaster and Cast Side Boiler.

Sizes	36 in.	42 in.	45 in.
Price	£10 15s.	£12 10s.	£13 10s.
Sizes	48 in.	54 in.	60 in.
Price	£14 0s	£15 5s.	£17 5s.

If fitted with Ornamental Tile Covings, sizes 36 in., 42 in., and 45 in., 35/-; 48 in. and 54 in., 40/-; 60 in., 45/- extra each.

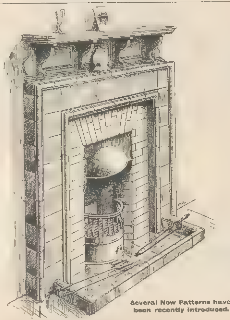
CAN BE SEEN IN ACTION IN OUR SHOW ROOMS.

A PERFECT Fireplace.

Economy of Fuel.

GREAT HEATING POWER.

These Fireplaces are constructed on the principles so strongly advocated by Dr. Pridgen Teale. The back and sides are composed of six separate blocks of fire clay. This is to permit of expansion and contraction without danger of cracking, which invariably takes place in large backs when made in one piece. The extra thickness of fire clay also increases the heating power, as a considerable amount of the heat evolved from the fuel becomes stored up in the back and sides, subsequently giving off a genial warmth several hours after the fire is burnt out.



Several New Patterns have been recently introduced.

There are two distinct forms of these Fireplaces, the one called an Interior the other a Basket Grate. In the former the Canopy and Grate containing the fire are connected by a metal framework. This forms a complete stove front in itself, which, with the addition of tile cheeks and frieze, will fill an ordinary opening. In the case of the Basket Grate there is no connecting metal between the Canopy and the Fire Basket. The sides and arch are built of glazed bricks, or tiles, which permit of an endless variety of schemes for decoration and treatment of colour necessary to secure the artistic effect suitable for various rooms. The Fire Baskets are movable.

PRICES.—

No.		
116 R **Interior**	15½ × 30 in. 12 in. Fire	38/6
Do. Do.	17½ × 30 in. 14 in. Fire	40/6
115 **Mantel Register**	[illegible] Fire	42/-
Do. Do.	14 in. Fire	45/-
Do. Do.	[illegible] Fire	48/6
1 & 2 **Interiors**	[illegible] 12 in. Fire	65/-
3 **Interior**,	18 × 31½ in., 14 in. Fire	65/-
4 **Basket Grate**	12 in. Fire	65/-
4 **Basket Grate**,	14 in. Fire	70/-
Glazed Brick Jambs and Frieze, any colour		65/-

ILLUSTRATED CATALOGUES MAY BE HAD ON APPLICATION.

141, 143, & 145, High Street, Notting Hill Gate, London, W.

MARVELLOUS VALUE.

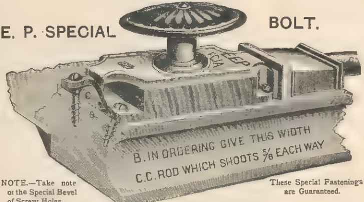
PITHER'S CASEMENT BOLT.

Complete, 6 ft. 6in. long **1s.-2d.**

36 & 38, MORTIMER STREET, W.,

And of all Ironmongers throughout the Kingdom.

E. E. P. SPECIAL BOLT.



NOTE.—Take note of the Special Bevel of Screw Holes.

These Special Fastenings are Guaranteed.

FOR

FOLDING DOORS,

Lock included

From 30/- each.

PRICE LIST OF E. E. P. SPECIAL.

ALL RODS 6 FEET 6 INCHES LONG.

	⅝″ Rod for 1½ Stile.	¾″ Rod for 1¾ Stile.
Al Iron Plain Handle ..	2 9	3 2
Iron Reed Brass Handle	5 6	6 -
Iron Bronzed, or Enamelled, any Colour	7 -	8 -
Ditto Brass Handle ..	10 -	12 3
All Brass Iron Rod ..	11 3	12 4
All Solid Brass	21 -	25 -

RODS OVER 6 FEET 6 INCHES LONG.

4d. per foot extra in Iron.
1s. „ „ Brass.

ALL CUTTING OR SPLAYING RODS EXTRA. 10 - EXTRA ON LIST.

LOCKING CASEMENT BOLTS FOR GARDEN DOORS.

ROBERT RUSSELL & SONS, LIMITED.

PEEL FOUNDRY, DERBY,

Patentees of the "HERALD" Range, Collapsible Oven Range, and "EXCELSIOR" Range;

MAKERS OF

ALL DESCRIPTIONS OF COOKING STOVES FOR ALL PURPOSES.

ALSO

Tile Stoves, Air Stoves, and General Ironfounders.

RUSSELL'S IMPROVED PATENT "HERALD" RANGE.

This Range has been considerably improved by the addition of a New Fire containing several New and Valuable Patents, all novel original and most useful. The first consists in adapting the Table in front of Fire to act as a lever, to raise or lower the Fire, thus dispensing with a loose lever, which has hitherto always been used for this purpose. The Table also rests in a horizontal position level with bottom grate at every height. A second improvement in connection with this Fire is in making a Roasting Fire. In every other Range the space occupied by the Fall Bar is lost for cooking purposes, but in our New Patent Fire the Fall Bar can be taken out and the Vertical Bars lifted up to the top of Hot Plate thus utilising the whole front of Fire for Cooking Purposes. This is one of the most simple and useful Inventions ever brought out in a Cooking Range. The Vertical Bars are also made of a specially prepared Round Steel constructed on a Patented Principle to avoid bending or twisting, and yet allowing all the Heat from front of Fire to escape for Roasting or Toasting. Fig. 1 shows the Fire raised up with Table level with front of bottom Grate. Fig. 2 shows the Front made into a Roasting Fire with Fall Bar removed and the Vertical Bars occupying the whole front of Fire Space. The New Patent "Herald" Range is beyond question the highest development of the Cooking Range. All the known weakness of the ordinary Range has been eliminated, while on the other hand, every essential of a Complete, Effective and Durable Cooking Range has not only been provided for, but provided for in the best possible way.

Although all Goods are supplied through Ironmongers or Merchants, yet we shall be pleased to wait upon any Architect with a Brass Model of the New Patent Fire, to explain the improvements.

Fig. 1

Fire when Ovens are being Used

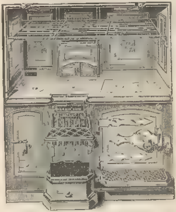


Fig. 2.

Roasting Fire.

TESTIMONIALS.

From Fraulein Noedel, *Lady Superintendent to H.R.H. the Princess of Wales' Technical School, Sandringham.*

Sandringham, Norfolk, Sept. 22nd, 1891.

Sirs,—After using the "Herald" Range in H.R.H. the Princess of Wales' School of Cookery for more than a year, I have pleasure in testifying to its thorough efficiency in every way. It uses comparatively little fuel, keeps pots boiling on every part of the hot plate, the ovens bake well, and it also supplies us with plenty of hot water.

Believe me, Sir, Yours truly,
CHARLOTTE NOEDEL,
Lady Superintendent to H.R.H. the Princess of Wales' Technical School.

416, Uxbridge Road, Shepherd's Bush, London, W., June 11th, 1895.

Dear Sir,—I enclose cheque to settle your account received yesterday. We are better pleased with the Range the more we have to do with it; it is all the makers claim for it, and a little more; and if anyone has any doubts in deciding upon a Range I should be pleased to show the "Herald" Collapsible if you like to send them here.

Yours truly,
E. TURNER.

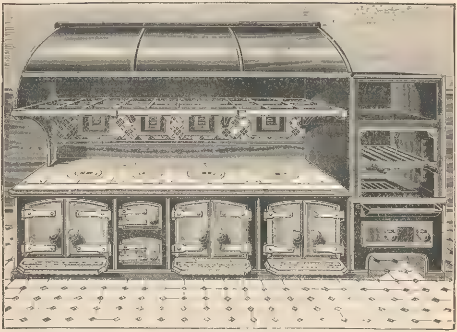
Mr. James Southey, Ironmonger, 43, King's Road, Southsea.

Drawings and Particulars will be supplied direct from the Works, but Ironmongers and Merchants are appointed in every Town as Agents to supply all our Goods.

ROWNSON, DREW & CO.,

225, UPPER THAMES STREET, & 113, QUEEN VICTORIA STREET, LONDON, E.C.

Telegraphic Address—"ROWNSON, LONDON" Telephone, 1901



COMPLETE SHOW ROOMS for

Chimney Pieces in Enamelled Slate, Marble, Wood, and Iron, Overmantels, Ranges, Stoves, Stove Tiles, Tile Hearths, Fenders, Lavatories, Baths, Sanitary Appliances, &c.

HOT TABLES CARVING TABLES, ETC.

PRICES ON APPLICATION.

ILLUSTRATED Catalogue will be forwarded on receipt of Card.

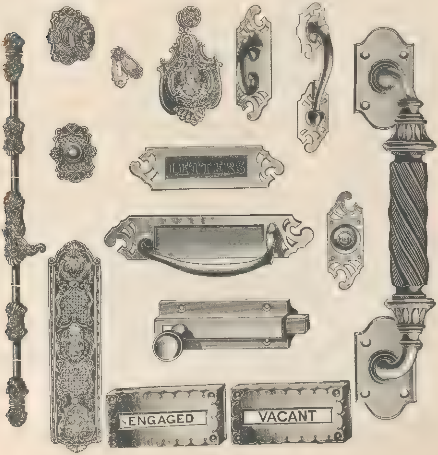
ROWNSON, DREW & CO.,

225, UPPER THAMES STREET, & 113, QUEEN VICTORIA STREET, LONDON, E.C.

Telegraphic Address—"ROWNSON, LONDON." Telephone, 1901.

WHOLESALE BUILDERS' IRONMONGERS.

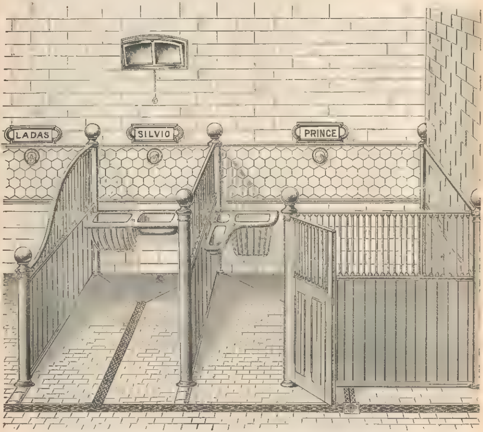
Patent Locks and Fastenings of every Description. Nails, Bolts, Nuts, &c,



ROWNSON, DREW & CO.,

225, UPPER THAMES STREET, & 113, QUEEN VICTORIA STREET, LONDON, E.C.

Telegraphic Address—"ROWNSON, LONDON." Telephone, 1901.



Stable Fittings and General Castings

ROWNSON, DREW & CO.,

225, UPPER THAMES STREET, & 113, QUEEN VICTORIA STREET, LONDON, E.C.

Telegraphic Address "ROWNSON LONDON" Telephone, 1901.

Stocks & Dies.

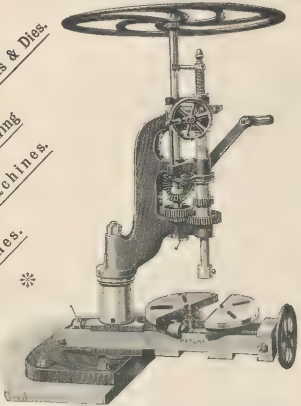
Screwing Machines.

Lathes.

Machinery.

Pulleys.

Shafting.



No 1674.—**Drilling Machine Fitted with Patent Combined Parallel Vice and Revolving Chuck Plate.**

Iron, Steel, & Metal Merchants. Engineers' & Contractors' Plant.

IRON WAREHOUSE—111, TOOLEY STREET, S.E.

Telegraphic Address—
"WISHAW, BIRMINGHAM."

ESTABLISHED 1799.

TELEPHONE
No. 377

WALTER SHAW & CO.,

16 & 17, PARK STREET, BIRMINGHAM.

Builders' Ironmongers, Ironfounders,

MERCHANTS & MANUFACTURERS.

ALL DESCRIPTIONS OF

SCAFFOLD CHAINS, BLOCK, CABLE & CRANE CHAINS.

WROUGHT NAILS OF ALL SORTS.

CUT, PATENT PRESSED, CAST, MALLEABLE NAILS; WIRE, ZINC & COPPER NAILS.

Locks, Bolts and Nuts, Coach Screws, Rivets, Latches, &c.

IMPROVED STEEL BUTT HINGES.

IMPROVED WESTON'S DIFFERENTIAL PULLEY BLOCKS,

With Barnsley's Patent Self-Adjusting Roller Chain Guides.

With Barnsley's Patent Chain Guides.

WROUGHT AND CAST IRON WALL TIES.

No [illegible]

No 515

No [illegible]

LOCK FURNITURE IN EBONY, OAK, WALNUT, COCOA, AND OTHER WOOD,
With FINGER PLATES to MATCH.

No. 4 Block

Tiled Grates, from 11/- each. Oven Grates. Kitchen Ranges. Stable Fittings. Chimney Pieces in Marble, Enamelled Slate, Iron, and Stone. Rain Water Gutters and Pipes.

No 541.

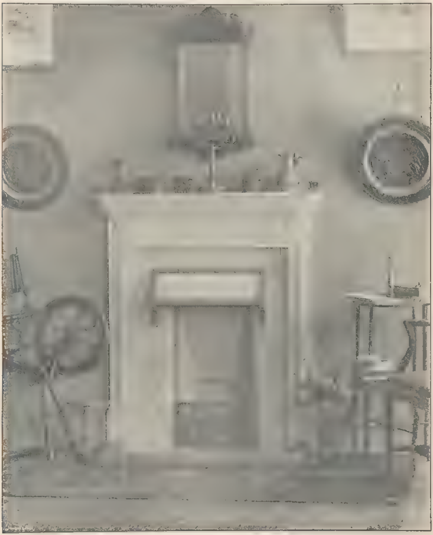
No 501

No. 512.

ART BRASS WORK IN FINE CAST BRASS & COINAGE METAL.

THE TEALE FIRE-PLACE COMPANY

Leeds, and 53, Berners Street, London, W.



THE "ECONOMISER" FIRE-PLACE.

	£ s. d.		£ s. d.
Iron Mantel [illegible]	1 5 0	[illegible] Briquettes of any colour [illegible]	
Do. [illegible]	1 10 0	[illegible] parts and Tiled Hearth [illegible]	3 10 0
[illegible]		[illegible] Fender [illegible]	0 10
[illegible] & Tiled Hearth	3 0 0	[illegible]	0 12 0

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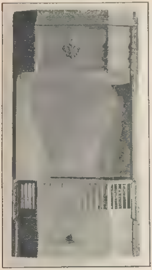


THE "BLOOMSBURY," No. 8
13, 15, 17, or 21 inches wide, inside measure.

THE "ALBEMARLE," No. 6
17 inches wide, also 15 inches wide, but without the ornament on the hood. Inside measure

THE
TEALE FIRE-PLACE COMPANY,
LEEDS,
And 53, BERNERS ST., LONDON, W.

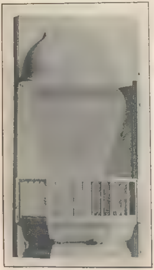
LIONEL H. TEALE and R. MOUSLEY SOMERS,

Sole Makers of the Patent
FRONT HOB FIRE-PLACE.

No other firm has Mr. T. P. Teale's sanction to name any fire-place the "Teale" Fire place or Grate

ESTIMATES GIVEN FOR
Hot Water Heating and Supply Apparatus.

Illustrated Catalogues of Fire places, Mantels, Kitchen Ranges, &c., on application.



THE "KENSINGTON," No. 10.
15, 17, and 21 inches wide, inside measure.

THE "WORCESTER," No. 9.
13, 15, 17, and 21 inches wide, inside measure.

JOSHUA W. TAYLOR, Ltd.,

Telegrams:— "RATIONAL, BOLTON." **Bradford Street, & Bury New Road, Bolton.** NATIONAL TELEPHONE No., 159

MAKERS OF

THE "RATIONAL" FIRE-PLACE.

(J. W. TAYLOR'S PATENT.)

Suitable for Sitting Rooms, Offices, &c.

Completely and economically consumes Coal, Wood, or Peat. There is not an objectionable raised hearth; and air inlets beneath the fire-bars are totally abolished, along with their attendant evils. The ash-pan is easily removed, and acts as a shield to prevent cracking the fire-clay trough.

ARCHITECTS' SPECIAL DESIGNS EASILY ADAPTED.

Instructions for fixing sent out with each Fire-place.

We have also an arrangement for conveying Ashes directly into cellar.

No. 1, "RATIONAL."

No. 4, "RATIONAL." Regd. design 239,858

The following Advantages are secured:—

Complete Combustion of Coal and Cinders.
Less Labour in Brushing up, &c.
No Black-leading.
Greater Heat.
No Cinders to carry out.
Easily Fixed to any existing Mantel Openings.
More Artistic than the Ordinary Grate.
Less Draught in the Room from Windows, Doors, &c.

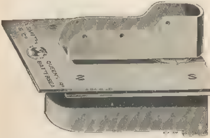
ILLUSTRATED CATALOGUE ON APPLICATION.

ARCHIBALD SMITH & STEVENS,

Telegraphic Address: "Hydraulics, London"

QUEEN'S ROAD, BATTERSEA, S.W.

MANCHESTER Norton Street, Greengate, Salford.
LIVERPOOL WARREN WILLIAMS, 16, Commerce Chambers, 15, Lord Street, Liverpool.
GLASGOW—MONKHOUSE CARTMELL, 87, Maxwell Street, Glasgow.



PATENT ADJUSTABLE "JANUS" DOOR SPRINGS.

THIS is the original and well-known "SMITH'S" SPRING To prevent the substitution of cheap imitations, Architects are respectfully desired to specify Name and Address in full.

SMITH'S PATENT "MODEL" DOOR SPRING.

THE "MODEL" SPRING is of the same type as our "Janus," but smaller in size, and suitable for a lower class of building. It possesses the same strength as the "Janus' Spring

REDUCED PRICES OF "JANUS" DOOR SPRINGS.

No.	Size.	Price with Brass Trough Shoe	Price with Iron Strap Shoe	Extra for Outer Box.	Lubricant and Screws.
1	Y	35/0	33/0	5/0	1/8
2	Z	60/0	55/0	9/0	4/0

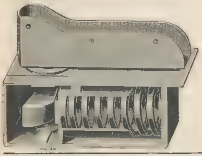
No. 1 Spring is suitable for Internal Doors up to 2 ft 9 in wide.
No 2 Spring is suitable for larger and External Doors

Outer Boxes are recommended when Springs are let into Tile, Mosaic, Cement, or similar Floors The Spring may then be removed for repairs without cutting up the Floor.

REDUCED PRICES OF "MODEL" DOOR SPRING.

Size.	Maximum Width of Door.	Price with Brass Trough Shoe	Price with Iron Strap Shoe	Extra for Outer Box.
X	30 inches	23/0	21/6	3/6
Y	36 "	26/0	24/0	3/6
Z	42 "	28 0	25/0	3/6

Sympathetic Springs per pair, X size, with Brass Shoes, 87/6
Lubricant and Screws, 1/8 per Spring.

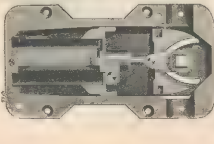


PATENT "BATTERSEA" DOOR SPRING.

A HIGH-CLASS London-made Spring at the lowest price yet offered. It is the simplest made, having only **Two Moving Parts.** *Samples on Trial.*

PRICES.

Size of Spring.	Maximum Width of Door.	Price with Brass Trough Shoe.	Price with Iron Strap Shoe.	Extra for Outer Box.
X	30 inches	19/0	17/0	3/6
Y	36 "	24/0	21/0	3/6
Z	42 "	26/0	23/0	3/6
Z 2	{ Larger or Exposed Doors }	28/0	25/0	3/6



STEVENS' & MAJOR'S
PATENT HYDRAULIC SPRING AND CHECK.

THIS CHECK SPRING was the *First* Spring placed on the market, which combined the three functions of Spring, Hinge, and Check and in spite of the numerous imitations which immediately followed, it maintains its foremost position

It is equally applicable to Double or Single Acting Doors, Internal or External

SIZES AND PRICES.

For Internal Doors up to	Size.	With Brass Shoe.	With Iron Strap Shoe. Double Action only.	Extra for Outer Box.
24 inches wide	Xo	1 6 0	1 4 0	4 0
30 " "	X	1 8 0	1 5 0	4 0
36 " "	Y	1 13 0	1 9 0	5 0
42 " "	Z	1 16 0	1 12 0	5 0
48 " "	Z2	2 0 0	1 16 0	5 0

SMITH & TURNER,

50, Bartholomew Close, London, E.C.,

INVENTORS AND MAKERS OF THE FIRST DOOR SPRING USED.

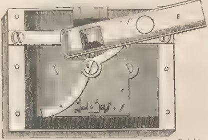
ESTABLISHED NEARLY A CENTURY.

The Great International Exhibition, 1851. International Health Exhibition, London, 1884—Silver Medal. Highest Award, ONLY MEDAL, International Exhibition, Edinburgh, 1886.

Ben Turner's Patent Adjustable Regulating Door Spring,

AS USED AT

Buckingham Palace
St. James's Palace
Kensington Palace
Marlborough House
Clarence House
Cumberland Lodge
H. M. Office of Woods, &c.
Natural History Museum
South Kensington Museum
[illegible] and [illegible] Offices
[illegible]
[illegible]
[illegible] Office
Royal Court of Justice
Somerset House
National Gallery
[illegible]
Royal Naval College
St. Paul's Cathedral
[illegible]
Carlton Club
Constitutional Club
City Carlton Club
City Liberal Club
Army and Navy Club
Raleigh Club

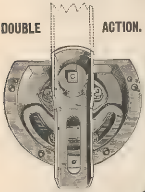


East and West India Docks and Offices
The Baltic, Gresham, Equitable, Alliance [illegible]
[illegible] and Coke Company Offices
[illegible]
[illegible] Bank of England
[illegible] County Bank
[illegible]
Grand [illegible]
Hotel Metropole
First Avenue Hotel
Holborn Restaurant
Pavilion Music Hall

Which describes considerably more than a half circle in opening. It can be made strong or weak; it can be adjusted to any centre, and the whole of the inside taken out without unhanging the door. It is strongest when door is closed, and gradually weakens as it opens.

ALSO BEN TURNER'S NEW PATENTS.

DOUBLE ACTION.



For closing doors working one or both ways with absolute silence.

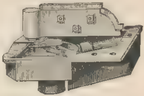
THE SILENT B.T.

TRADE MARK.

WITH HYDRAULIC & ATMOSPHERIC CHECKS.

They can be adjusted so as to hold the door at any angle, making them particularly suitable for Public House Doors, thereby doing away with leather straps, lance-wood checks, &c. Will describe a circle in opening.

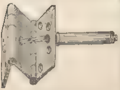
They are also specially adapted for use in Churches, Hospitals, and Private Houses, and although low in Price, are the most perfect silent springs.



SINGLE ACTION (SPRING & CHECK.)

This Spring will hold the door firmly against the wind, as from its peculiar construction there is about six times the pressure of the Spring when door is in closed position. It weakens gradually as it opens.

GERISH'S PATENT SPRING HINGES,



SINGLE & DOUBLE ACTION.

REDMUND'S RISING AND SPRING HINGES.

COLLINGES', GERISH'S, AND REDMUND'S GATE HINGES.

All Sizes up to 7 ft. 6 ins.

MADE TO ANY DESIGN.

TONS IN STOCK.

COLLINGE & GERISH, Spring Works, Buttesland St., East Road, City Road, N.

SEND FOR LISTS THE BEST OF WORK AT THE LOWEST PRICE.

ESTABLISHED 1704.

CHARLES SMITH, SONS & CO., LTD.,

Deritend Bridge Works, BIRMINGHAM.
12, Oxford Circus Avenue, LONDON.
6, John Dalton Street, MANCHESTER.

Glasgow Agents—Messrs. McGEOCH, KEMP & CO., 159, Buchanan Street, Glasgow

LOCK-MAKERS, HINGE-MAKERS, BRASSFOUNDERS, AND ART METAL WORKERS.

Wheelbolt and other Mortice Locks, Suites of Locks for Prisons, Lock-ups, Lunatic Asylums, Workhouses, Public Offices, Mills, &c. Hinges of all kinds, Floor Springs and Air Checks, Door Furniture, Lock and Finger Plates, and Grasp Handles in real Bronze Metal, Brass, Iron and Wood. Bell Fittings and Pushes, Window and Casement Fittings, and Electric Bell Work.

GAS & ELECTRIC LIGHT FITTINGS. Lamps, Pendants, Brackets, & Standards.

Special designs in Bronze Metal, Brass, and Wrought-Iron, suitable for Churches, Chapels, Public Buildings, Schools, and all domestic purposes.

WROUGHT IRON WORK. Casements, Gates, Railings, Balconies, Staircases, &c.

Estimates and Designs for all kinds of Wrought and Cast Iron Work, Cell Fittings, including Doors, Windows, &c.

MANTELS AND GRATES. Register Grates, Fenders, Fire Irons, &c.

All to our own Special Designs, as Catalogue, suitable for Architectural work.

Patents.

- PATENT INDICATING SILENT ACTING LOCKS FOR ASYLUMS.
- PATENT CLUTCH DOOR FURNITURE, ABSOLUTELY SECURE.
- PATENT ECCENTRIC SASH APPARATUS, No. 299, for Opening & Fastening Sashes.
- PATENT WORM AND RACK ACTION FANLIGHT APPARATUS
- PATENT CHECK ACTION SPRING HINGE, Direct Action, Working with Air Piston.
- PATENT (MARLEY'S) BALL BEARING AXLE PULLEY.
- PATENT THEATRE PANIC BOLTS.
- PATENT INTERLOCKING CASEMENT.

MORTISE LOCKS.

For Good Houses and Offices 6 in Strong 2 Lever 2 Bolt Brass Bolts Wheel bolt Lock No 508, 6 3 6½in., No 510, 7 6 No. 512, 9 . For Public Buildings No 514, with Bronze Metal Fittings, 11 For Asylums and Better Class Public Buildings, Extra Strong, No. 550, 15/-.

Locks made en suite to master key at same prices, keys being charged extra. If made to lock twice, 1/- per lever extra

LOCK-UP AND CELL FITTINGS.

			£	s	d
HINGES.	4½ in best, extra strong wrought butt Hinges, specially made for Prisons, Set of 3	No 2900	0	6	9
INSPECTION APPARATUS.	Best, with steel gauze and thick glasses	No 5328	0	3	0
FOOD DOOR APPARATUS.	Improved, all metal rebated, fitted with springs & lock complete in iron frame ready for fixing	No 5329	0	17	6
KEYS.	Neat, well finished for food door traps	.. .	0	2	6
RELEASE CELL LOCKS.	Best regulation, extra strong plate release cell locks, to lock twice and spring ..	No 650	0	15	0
PLATE STAPLES.	When wood jambs are used	No 537	0	1	6
CELL DOORS.	6 ft. 1½ in × 2 ft. 4 in. × 2½ in. best solid panelled Red Deal cell doors, in solid double rebated iron frames, with all fittings complete, ready for building in position	No 5332	12	10	0
	Do. do. do. in wood frames ..	No 5331	10	10	0

FOR CELL WINDOWS SEE CATALOGUE

ASYLUM FITTINGS.

In Asylum work we have had great experience, having laid out and executed the work for the following Asylums :—Berks, Bristol, Broadmoor, Bucks, Chester, Cornwall, Derby, Exeter, North, South, East and West Ridings of Yorkshire, Lancashire, Nottingham, Surrey, Middlesex, Warwick, and also New South Wales and New Zealand.

Our PATENT SILENT INDICATING LOCKS FOR ASYLUMS, brought out in conjunction with Dr. Moody, of the London County Council, Medical Superintendent of Cane Hill Asylum, and Patent Sash Locks, are so well known that a description is not here necessary, but we shall be happy to submit samples on application.

CHARLES SMITH, SONS & Co., Ltd.,

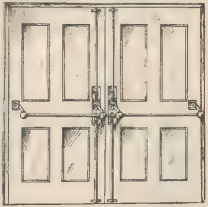
BIRMINGHAM, LONDON, AND MANCHESTER.

MARLEY'S SCHOOL LATCH.

MARLEY'S PATENT BALL-BEARING AXLE PULLEY

PULLEY WHEEL

PATENT THEATRE PANIC BOLTS.



MARLEY'S SCHOOL LATCH.

4 in Mortise Weighted Latch, with 2 sides. Ornamental Brass Furniture, as shown, complete for fixing, No. 360, 10/6, Bronze Metal, 12/6.

4½ in. do. to lock, No. 359, 13/6, Bronze Metal, 15/6.

MARLEY'S PATENT BALL-BEARING AXLE PULLEY.

The advantage of this Pulley, which has already been approved and specified by many of the leading Architects, is that the Axle and Wheel form one piece, which runs in Grooved Ball bearings The above engraving shows the simplicity of its construction—the Wheel and Axle being made of Brass or Gun Metal, working on ten Balls each side.

For opening and closing heavy windows these Pulleys are specially adapted there being practically no wear or friction, they work with the greatest ease, and are strongly recommended for Schools, Public Buildings, &c.

				2 in.	2½ in.	3 in.	
No. 690.—Annealed Steel Face and Brass Wheel, Malleable Iron Cheeks and Bushes			..	24/-	28/-	33/-	per doz.
No. 691.—Cast Brass Face Brass Wheel,	ditto	ditto	..	30/-	36/-	42/-	"
No. 692.—Gun Metal Face and Wheel	ditto	ditto	..	36/-	42/-	50/-	"

NOTE.—The 2½ in. size should be used, as the full benefit of the Ball-bearings is not obtained in the smaller sizes.

PATENT THEATRE PANIC BOLTS.

No Springs. No Complications Simple Lever Action. Any pressure applied in front of the Cross Bars or downward pressure opens the door. Approved by the London County Council, Frank Verity, Esq (Architect to the Lord Chamberlain), C J. Phipps, Esq, F S A. (the celebrated Theatre Architect, and already adopted in the leading Theatres and Public Buildings throughout the country.

	Single Doors. (1 Bolt.)	Pair Folding Doors (1 Bolt with extra Cross Bar.)	Pair Swing Doors. (2 Bolts.)
No. 7751 Brass	45/-	60/-	90/-
Iron	25/-	35/-	50/-
Stronger, for very large and heavy doors, No. 7752, Brass ..	65/-	90/-	130/-
Iron ..	37/6	52/6	75/-
If Bolts connected for rebated doors	Extra	5/-	5/-

Hollow Catch, to prevent Bolts dragging when not in use, 3/6 extra Key 2/- extra. Special Brass Plate Lock, for releasing Bolts from outside, with Drop Ring Handle complete 30/-

ALL PRICES AT OUR WORKS.

STEEL & GARLAND, LTD., WHARNCLIFFE WORKS, *SHEFFIELD.*

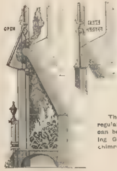
London Showrooms: 9, CORK ST., BOND ST., W.,

Manufacturers of every description of Stove Grates, Fenders, Curbs, Rests, Brasses, Chimney Pieces, &c.

THE "MARLBOROUGH GRATE" Garland's Patent, No 13355

THE "ROYAL YORK" PATENT ADJUSTABLE FIRE T. S. Garland's Patent 2004

GIVING THE BRIGHTEST & MOST EFFECTIVE FIRE, with SMALLEST CONSUMPTION of FUEL.



The Canopy can be regulated at pleasure, and can be removed for fixing Grate or sweeping chimney.

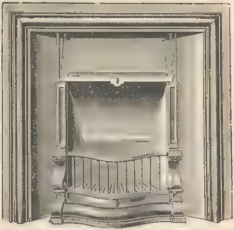
SECTION OF MARLBOROUGH GRATE.

Bars can be Raised or Lowered at pleasure.

No obstruction to Heat.

No. 1230 GRATE.

No. 1520. ROYAL YORK FIRE and TRIVET BAR ARRANGEMENT



No. 1219a Suitable for Public Buildings, Board Schools, &c.

PRICE LISTS AND CATALOGUES ON APPLICATION.

Grates may be seen with fires burning at the Show Rooms.

9, Cork St., Bond St., London, W., & Wharncliffe Works, Sheffield.

EVERLASTING CATGUT SASH CORDS.

These Sash Lines are acknowledged by all who have used them to surpass any other Material ever introduced for hanging heavy or light Sashes They are, as the name implies, indestructible as far as ordinary wear is concerned. **THEREFORE THE CHEAPEST.**

THESE ILLUSTRATIONS ARE FULL SIZE.

LARGE SIZE.

MIDDLE SIZE.

FINE SIZE.

THE EVERLASTING CATGUT SASH LINES are placed in many of the best Public Buildings in the United Kingdom, and are extensively used for all heavy Sashes in the Manchester Warehouse, as well as in first-class Mansions, where Strength and Durability are of importance.

MANUFACTURED BY

VORNBERGER, HIRSCH & CO., LTD.,

Rosebank Works, Clayton, Manchester.

AND SOLD BY ALL IRONMONGERS.

LOCKS & SAFES.

TUCKER & REEVES.

Improved **PANIC LATCHES, &c.**

IRON & STEEL POWDER & THIEF PROOF STRONG ROOM DOORS,

LOCK FURNITURE, &c., &c.

MEDAL, LONDON, 1862.

Two Silver Medals, International Exhibition, 1884. Silver Medal, Inventions Exhibition, 1885.

Special Notice.

TUCKER'S New Silent Latch Lock and Security Lavatory Lock, for Hospital Wards, Asylums, &c., &c.,

Lately fixed on Infirmary, St. George's in the East, Padded Room, Bethlehem and Gravesend Hospitals, &c.

TUCKER'S PANIC LATCHES require no Projecting Bars or Levers to *automatically open the doors.*

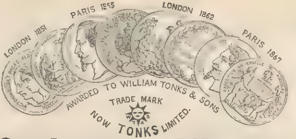
Address—110, CANNON STREET, LONDON, E.C.

Works: 1 & 3, Old Swan Lane, London, E.C.

Telegraphic Address—
"BRASS, BIRMINGHAM."
"INFERNO, LONDON."

SHOWROOMS:
LONDON—
57, Holborn Viaduct E.C.
BIRMINGHAM—
201, Moseley Street.

TRADE MARK.



TRADE MARK.

TONKS, LIMITED, BIRMINGHAM,

Manufacturers of every description of

CABINET, BUILDERS', FURNISHING, & NAVAL BRASS FOUNDRY.

N.B. Complete Suites of all kinds of Furnishing Brassfoundry, and Working Models of all Specialities, may be seen at our Show Rooms, 57 HOLBORN VIADUCT. Buyers are respectfully invited to inspect same.

TONKS' PATENT SOLID DRAWN SOCKET BOLT.

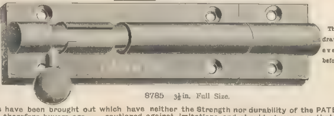
ADVANTAGES.

Are the Strongest Bolts Possible.

Combine Strength Neatness & Cheapness.

Can be made any Length.

Are perfectly smooth and easy in action.



8785 3½ in. Full Size.

The only Solid-drawn Socket Bolt ever brought before the public

Other Bolts have been brought out which have neither the Strength nor durability of the PATENT SOLID-DRAWN BOLT, therefore buyers are cautioned against imitations, and should always see that every Bolt bears our Trade Mark "PATENT."

		1½	2	2½	3	3½	4	5	6	7	8	9	10	12	15	18	21	24	30	36 inches.
8782	[illegible] in. wide..	6/3	6/6	7/3	7/9	—	9/-	10/3	11/6	—	—	—	—	—	—	—	—	—	—	— per doz.
8783	[illegible]	6/9	7/-	7/9	8/3	—	9/6	10/9	12/-	13/3	14/6	15/9	17/-	19/6	21/6	23/3	25/-	27/-	30/9	34/6 ,,
8784..	1 ,, ..	—	—	9/6	10/-	10/6	11/3	12/9	14/-	—	—	18/9	20/-	22/9	27/-	30/-	—	40/-	—	— ,,
8785	1¼ ,, ..	—	10/9	11/-	11/6	—	13/-	14/6	16/-	17/6	19/-	21/6	23/-	26/-	31/-	36/-	42/-	48/-	59/-	70/- ,,
8786	[illegible] ,, ..	—	—	11/3	12/[illegible]	—	15/-	17/[illegible]	20/-	22/6	25/-	[illegible]	30/-	35/-	[illegible]	[illegible]	57/6	65/-	[illegible]	95/-
8787	[illegible] ,, ..	—	—	—	—	—	—	—	30/-	34/-	38/-	42/-	46/-	54/-	67/6	81/-	94/6	108/-	138/-	168/- ,,
8861	2 ,, ..	—	—	—	—	—	—	—	48/-	54/-	60/-	66/-	72/-	84/-	102/-	120/	138/-	162/-	210/	258/- ,,

TONKS' "ARISTON" HELICAL DOUBLE ACTION AND SMITH'S PATENT FLOOR SPRINGS, ETC.

Door A... 9361
All sizes made in Brass and Iron.

2304 [illegible]

3515 For very light doors.
3516 ,, [illegible]
3519 ,, [illegible] doors.
3520 ,, heavy doors.

9409 For counter doors.
9407 ,, very light doors.
9375 ,, glass doors.
9534 ,, medium doors.
5371 ,, heavy doors.

TONKS' PATENT WEDGE CASEMENT STAY.

SIMPLE SECURE

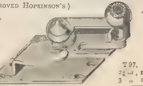
Section showing action of wedge

BRASS.	10	12	14	15	16	18	21 in.
4337	27/6	30/	32/-	—	34/6	—	—
4338	—	43/6	—	48/-	—	53/-	—
4340	—	65/6	—	75/-	78/-	85/-	95/-
IRON							
4346	17/6	19/-	20/6	—	22/-	—	—
4347	—	[illegible]		20/-	[illegible]	33/6	- -

PATENT "BIROTA" SASH FASTENER.

(IMPROVED HOPKINSON'S)

STRONG,
SIMPLE,
CHEAP.



The Arm Protected by Steel Plate.

T 97.
2½ in., 11/6 doz.
3 ,, 14/3 ,,

TONKS, Ltd., BIRMINGHAM.

SHOW ROOMS LONDON 57 Holborn Viaduct, E C BIRMINGHAM: 201 Moseley St T[illegible]graphic Address 'BRASS BIRMINGHAM'

IMPROVED PATENT

KEYED DOOR-FURNITURE,

AS USED IN ALL THE LONDON BOARD SCHOOLS.

In the Keyed Furniture, made according to the original patent, a difficulty is experienced in fixing the screws of the inner rose, an operation which has to be performed after the knob is keyed up in position, and the cover rose is loose on the neck of the knob, when insufficient room is left for the proper use of the screw driver, but, notwithstanding this inconvenience, the original Patent Keyed Furniture acquired, and has maintained, the reputation of being the most perfect Furniture in use up to the present time

METAL PROTECTED WATERPROOF (M.P.W.) SASH CORD.

HOOKHAM & TONKS, PATENTEES

ADVANTAGES—

Durability.

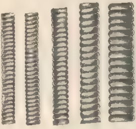
Inappreciable Stretching.

Flexibility & Freedom in Running.

Sightly & Ornamental Appearance.

	Doz yd
No. E for Sashes up to ½ cwt	[illegible]
No. F ditto ½ cwt	9 6
„ G „	12 9
„ H „ ½ „	16 6
„ K „	35 6

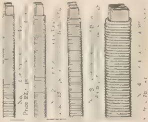
Sold in quantities of not less than three dozen yards of a size.



STEEL RIBBON SASH LINE.

HOOKHAM'S PATENT.

This Line is formed of several bands of watch spring [illegible] covered [illegible] of copper wire, and so prepared as to resist corrosion. It is very neat in appearance perfectly flexible almost frictionless, does not stretch, and [illegible] indestr[illegible] the end **much cheaper than the ordinary lines and chains**



TONKS' PATENT SHELF FITTINGS

AS USED IN THE

Public Libraries of Liverpool, Glasgow, Birmingham, &c.

IN 6 FT L[illegible]

Strip Iron ..	2553 ..	4d per foot.
Strip Brass ..	2586 ..	10d „

[illegible] other Lengths, 1d. per foot extra.

PLATES FOR DITTO.

Iron ..	2552 ..	[illegible] per gross
Brass ..	2585	10[illegible] „

These Fittings are specially adapted for BOOKCASES or other shelves, the adjustment of which has from time to time to be altered to suit the varying requirements of a Library, &c The Plates (which are made of steel) will, if the shelf be perfectly rigid, sustain without strain more than half a ton

SOLE MANUFACTURERS

OF

Nicol's & Houghton's

PATENT

SAFETY WINDOWS.

FULL PARTICULARS ON APPLICATION.

PLEASE ADDRESS IN FULL.

EDWIN VERITY,

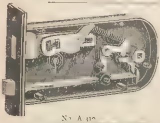
42, SWINEGATE, LEEDS.

No A 250

This Drawing represents my Improved Dead-weight Mortise Lock, which I make with Iron or Gun Metal Case, with which I combine the advantage of the Double-end Latch Bolt, which enables it to do for either hand. Another important novelty in its construction is that it exerts an equal pressure, both ways of turning the knob, and double the pressure on the Latch Bolt of any other make.

PRICES.

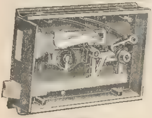
	1	2	3	4 Lever.
Iron Case ..	5/-	6/-	7/-	8/ each.
Gun Metal ..	12/-	13/-	14/-	15/- ,,



No A 310

This Drawing represents the New Patent Spiral Mortise Lock. It will be seen that a Spiral Spring works both the Latch Bolt and Lever. It is a form of Spring that rarely ever fails, and the four years it has now been on the market I have not had a single Spring failure. It is also at popular prices, viz. —

A 300.	**6 in Japanned Case**	**24/- per doz.**
A 310	**Bright Case, Double Bushed**	**36/ ,,**
A 320.	**Stronger**	**50/- ,,**



No A 670

This Drawing represents my latest Improved Rim Lock. It is Palace Motion, with Scotch Spring Brass or Iron Bolts, Bushed Keyhole and follower, and can be recommended as a really sound and serviceable Lock, with Solid Brass Ward.

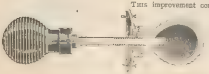
PRICE.

6	7	8
2/9	3/4	4/6 Brass Bolts.

I also make Rim Locks from 12/ per dozen

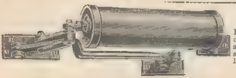
VERITY'S IMPROVED SIMPLEX FURNITURE.

THIS improvement consists in the greater accuracy of adjustment and permanent security against coming off. A loose collar with square-hole slides on the spindle and the screw sets this fast without coming in contact with spindle, and consequently it cannot be worked loose. They are made in Brass, China, and all kinds of Wood



PRICES.

Oak, Ebony, or other Wood	**2/6 to 4/ per set.**
Brass	**1/- ,, 5/- ,,**
China	**2/6 ,, 4/- ,,**



VERITY'S IMPROVED DOOR CHECK

Is constructed on a principle mechanically better than many others now in the market, it can be instantly dis-connected and re-connected, which will be obviously seen is a great advantage in many cases, particularly for oiling and repairs It is also greatly reduced in price

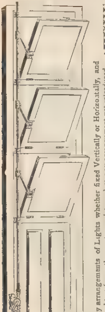
PRICE In Malleable Iron, from 14/ to 30/-
In Gun Metal, from 22/ to 42/-

SEVEN GOLD & SILVER MEDALS HAVE BEEN AWARDED FOR SUPERIORITY OF OUR MANUFACTURES

Please Address in full—

EDWIN VERITY,

42, SWINEGATE, LEEDS.



EPICYCLOIDAL WINDOW HOLDER

The most Powerful Self Locking Motion is applicable to one or any arrangements of Lights whether fixed Vertically or Horizontally, and used with our Rolling Bar and Improved Adjustable Arms to each side of light, it forms the most complete and strong arrangement yet introduced.

Price for Single Lights to [illegible] feet rod, Brass Mounts Malleable Iron Rods 16 , and all Brass or Gun Metal, 24 each
,, ,, ,, Double Arms 22 ,, 35 ,,

Fig 5

Fig 5.—This **PATENT CHAIN OPENER** (over 12,000 now in use) has no projecting arm, and for simplicity, efficiency, and the absence of all objectionable features, it has no rival. It is usually supplied to fix in centre, as shown, but can be had to fix on either the right or left hand side. It is also made to work with window stick.

PRICES

	8in.	10in.	15in.	20in.
In Iron	4	4 6	5 -	10
Brass, polished	6/-	8/-	10/-	15/-

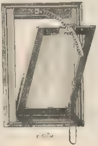


Fig. 25

Fig. 25 This **EPICYCLOIDAL QUADRANT** is strong, and exerts great power in its movement, and will force the window tight up and hold it firm in any position when open. Any cord will do, but by preference one that can be spliced should be used. It is equally applicable to any form of Light, hinged top, bottom, sides, or on pivots.

PRICES

	12in.	16in.	20in.	24in.
Iron . ..	4/6	5/-	6/-	8/- each.
Brass	8	9	11	14 ..

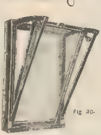


Fig 30.

Fig. 30—Is our **IMPROVED COMBINED WROUGHT IRON WINGS FOR WOOD LIGHTS,** with adjustable stay and fastener operated by a window stick or with cords, the wings being screwed on each side and glazed prevents side draughts experienced with the fanlight alone, and are of special advantage in Hospitals, Asylums or any Public Buildings.

The Prices, Ironwork and Fastener complete, are 15/- each.

Manufacturers of Steel and Gun Metal Casements, open inwards or outwards, with machine-made joints, and hard braized, and warranted wind and waterproof.

Sections and Prices on receipt of specification.

THE SECURITY SASH FASTENER has many objects to recommend it, viz. It lifts the top sash if fin below the level; it then draws the two so tight together that they cannot rattle in high winds, and further, it is quite proof against entrance from the outside. It has no spring or loose part about.

PRICES

	No. 1.	No. 2.
Malleable Iron, Brass Knob & Pawl	8	10/- per doz.
Brass, Dead Dipped	..14/-	16/- ,,
Gun Metal, polished.. ..	..17/-	21/- ,,

My New General Catalogue of Special Inventions for the Building Trade can be had free by post. New Edition in February, 1896.

☞ ESTIMATES GIVEN ON RECEIPT OF SPECIFICATIONS.

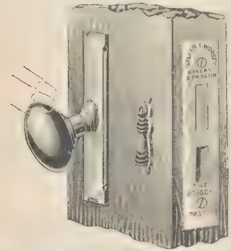
JOHN WALKER & WORSEY,

Lock and Safe Manufacturers and Brassfounders, BIRMINGHAM.

Telegraphic Address: "TRIUM[illegible] [illegible]RMINGHAM." Triumph Safe Works, SEDGLEY. Telephone No. [illegible]

THE "WORSEY" PATENT PRESS-DOWN LOCKS.

HANDLES WILL ALSO TURN BOTH WAYS AS AN ORDINARY LOCK.



NEW DEPARTURE IN LOCK MAKING.

Mechanically Sound.

CANNOT GET OUT OF ORDER.

EASILY FIXED.

No. 8346 6 × 3½ [illegible] lever, brass bolts, with plain cast [illegible] or wood [illegible] .. [illegible] complete.
No. 8[illegible] [illegible] 4 [illegible] [illegible] ,,
No. 8344 ,, strong [illegible] gun metal bolts, with gun metal T handles, or [illegible] fancy pattern wood or brass knobs [illegible] ,,

These Locks are shown with Bolt drawn in by pressing down the Handle.

HANDLES ALSO TURN AS AN ORDINARY LOCK.

ARCHITECTS SHOULD SEE THIS BEFORE SPECIFYING OTHER MAKES.

SCHOOL BOARD AND SHOP DOOR LOCK.

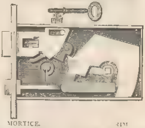
No. 8347 [illegible] with [illegible] T handles, on [illegible] plate, [illegible] complete
No. [illegible] Ditto [illegible] ,,

SUMMERFIELD'S PATENT WEIGHTED SCHOOL AND SHOP DOOR LOCK

No. [illegible] complete with Brass Handles [illegible] each
[illegible]
[illegible] with Silver-white Handles, [illegible] (strong) [illegible]

This Lock is extensively used for Board Schools, Shops, [illegible] &c., and especially suitable where there is heavy wear.

SUMMERFIELD'S PATENT WEIGHTED LOCKS.



MORTICE.

No. [illegible] [illegible] Lever [illegible] japanned
No. [illegible] Lever [illegible]
No. [illegible] strong Sash Ward [illegible] length
No. [illegible] strong [illegible] Ward length
No. [illegible] Strong [illegible] Lever length
No. [illegible] Strong all Brass

RIM.

No. [illegible] [illegible] Ward [illegible]
No. [illegible] Sash Ward [illegible]
No. [illegible] Lever, [illegible]
No. [illegible] strong Sash Ward [illegible]
No. [illegible] [illegible] case, [illegible]
No. [illegible] Polished Brass
No. 7772 Polished Brass O.G. Case

SUMMERFIELD'S PATENT WEIGHTED COMBINED LOCK AND LATCH.

Suitable for Shops, Warehouses, [illegible] Board Schools, &c.

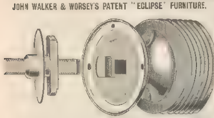
No. [illegible] each
No. [illegible]
No. 8[illegible]
No. 80[illegible]

JOHN WALKER & WORSEY,

Lock and Safe Manufacturers and Brassfounders, BIRMINGHAM.

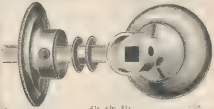
Telegraphic Address:— "TRIUMPH, BIRMINGHAM." Triumph Safe Works, SEDGLEY. Telephone No.

JOHN WALKER & WORSEY'S PATENT "ECLIPSE" FURNITURE.



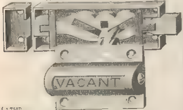
No.					
[illegible]	Stamped Brass Rim	[illegible]	[illegible]	[illegible]	Plain Ebony or Oak [illegible]
[illegible]	,, Mortise	25/-	27/-	30/-	White China [illegible]
[illegible]	Cast ,, Rim	[illegible]	[illegible]	[illegible]	Black 2/6
[illegible]	,, Mortise	3/6	4/-	4/6	Fancy Wood from 3/-

SUMMERFIELD'S PATENT LOCK FURNITURE.



No.		6 in.	7 in.	8 in.	
6516	Stamped Brass Rim	11/6	12/6	13/6	Ebony or Oak [illegible]
6517	,, ,, Mortise	18/-	19/6	21/6	White China [illegible]
		2 in.	2½ in.	[illegible]	
6518	Cast ,, Rim	2/6	3/-	3/0	Black ,, [illegible]
[illegible]	,, ,, Mortise	3/-	3/6	4/-	Fancy Wood [illegible]

PATENT INDICATING BOLT.



[illegible] each.

THE "SCHOOLBOARD" NUMBERED HAT AND COAT HOOK.

With Brass Numbers .. 4/6 doz.

With Painted Raised Numbers 3/6 doz.

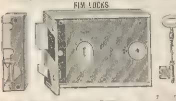
With Painted Numbers 2/9 doz.

THE "TRIUMPH" ROD FANLIGHT ADJUSTMENT.

[illegible]

MADE TO OPEN ANY NUMBER OF LIGHTS.

RIM LOCKS.



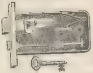
[illegible] Strong Sound [illegible]

[illegible] 2 lever [illegible]

[illegible] Triumph patent [illegible]

8368 4½ in. Strong brass bolt

MORTICE LOCKS.



[illegible] lever brass [illegible]

10 ,, strong [illegible]

[illegible] lever gun metal bolts 7/-

[illegible] ,, best 8/-

[illegible] brass gun metal bolts 9/6

[illegible] Triumph [illegible] unpickable 25/-

SASH FASTENERS.

[illegible] quadrant, sanded, plain knob 8/6

[illegible] polished, reeded knob 10/-

[illegible]

PATENT FLOOR SPRING AND CHECK.

For Swing Doors to close to centre, with Adjustable Shoe [illegible]

[illegible] medium doors

[illegible] SINGLE ACTION DOORS

[illegible] For light [illegible]

[illegible] For heavy [illegible]

"TRIUMPH" FLOOR SPRING.

WITH STRAP [illegible] BRASS SHOES.

For light doors ..

For medium doors

For heavy doors

[illegible]

For extra heavy doors 32/- 35/- 35/- 35/6 35/- 39/- [illegible]

[illegible] 44/- 46/- 46/6 46/6 47/- [illegible]

If Adjustable Top Centre [illegible] If Adjustable Shoe, 5/9 over ordinary shoe.

WALKER'S PATENT "DUPLEX" SELF-LOCKING.

Price .. 2/- each.

THE "EDMUND" OPENER.

To open "inwards" Hinged at Bottom.

To open "outward" Hinged Top.

No. 8 37. Brass, 7/9 each.

MAKERS OF ALL KINDS OF LOCKS FOR ASYLUMS AND PRISONS.

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The "WELL FIRE." (BOWES' PATENT)

THE LATEST, BEST, AND MOST PERFECT.

ENORMOUS SAVING OF FUEL. GREAT HEATING POWER.

The Fire Place of the Future.

FOR PUBLIC AND PRIVATE BUILDINGS.

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IRONFOUNDERS.

Telegrams— "Maypole, London."

Established 1854.

Telephone—No. 1,921.

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Cooking Apparatus for Large Establishments Clubs Hotels Restaurants, Municipal Buildings, Hospitals and Institutions

Steam and Gas Cooking Apparatus, Central Cookers, Hot Plates Hot Closets Carving Tables, Grilling Stoves, Jacketed Pans, Boilers, etc, etc.

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FOR ORDINARY KITCHENS, from 2 to 6 ft. in width

Boilers.
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OF EVERY DESCRIPTION

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Wright's Patent Osborne Grates etc. etc

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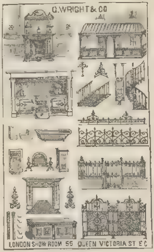
Coils and Coil Cases Boilers. Radiators

PAVEMENT LIGHTS.

Glazed with Semi-Prisms, Convex, Duplex, or Rough Plate



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Also Particulars of Marble, Tiles, and Door Furniture.

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GEORGE WRIGHT & CO., 155, Queen Victoria St., London, E.C.

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659a

686

635a.

Supplied to H. M. the Queen, for Osborne House.

578

620

670a

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683c

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676a

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676

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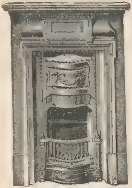
GEORGE WRIGHT & CO., 155, Queen Victoria St., London, E.C.

Works ROTHERHAM. Established 1854.



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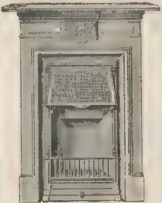

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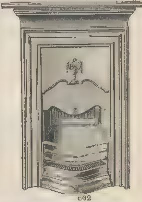

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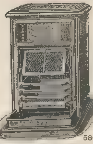

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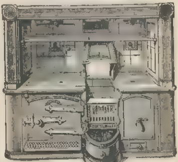

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BATHS AND LAVATORIES, ETC.

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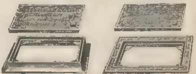
RADIATORS



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MANY PATTERNS AND SIZES

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BIRMINGHAM.

Saint Thomas' Works, Granville Street.

THE BLOUNT DOOR SPRING AND CHECK.

Once Tried, Always Used.

THE VERY BEST.

NO LUBRICATION NEEDED.

CAN BE FIXED UNDER A FANLIGHT.

NOISELESS, STRONG, and DURABLE.

Perfect in Action.

MORE THAN HUMAN—NEVER FAILS.

The unique point about this contrivance is that when properly adjusted it closes the door smartly right up to the striking plate, then checks the swing and quietly latches the door. There is no interval.

For PARTITION DOORS.	For ORDINARY DOORS.	For HEAVY DOORS.
A size, **20/-**	B size, **25/-**	C size, **30/-**

EASILY FIXED.

A PERFECT MECHANICAL DEVICE.

LATCHES THE DOOR.

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The Complete Catalogue

Section J.

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Vauxhall Works, Banastre Street, Liverpool.

Telegraphic Address "CORRUGATED, LIVERPOOL."

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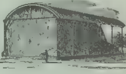
Stores, Works,

DWELLING HOUSES,

Churches, Chapels,



SCHOOLS AND MISSION ROOMS.

CRICKET & TENNIS PAVILIONS, STABLES & COACH HOUSES, HAY, CORN, & CATTLE SHEDS.

Iron Roofs and Buildings of every description.

Iron Roofs from 5d. per square foot of ground covered, and Iron Churches, Halls, and Houses from 3/- to 4/- per square foot, FIXED BY OUR MEN.

ESTIMATES ON APPLICATION FREE

P. BELL AND SON,

General Smiths, Engineers & Ironfounders,

PITT STREET IRON WORKS, EDINBURGH.

ROLLED Malleable Iron and Steel Beams. Zore Beams. Sandwich Plates, Railway Bars, &c., always in stock in great variety of sections and lengths; Cast Iron Beams and Columns Malleable Iron Rivetted Girders, and all kinds of Builders' Iron Work; Iron Roofs Bridges, Corrugated Sheet Iron Roofing, Iron Tanks, &c.; Tie Bolts, Roof Straps and Bolts, Gate and Sliding Door Mounting, Iron Doors for Banks, Warehouses, Mills, &c.; Entrance Gates and Railing (Cast or Wrought Iron) of every description; Unclimbable and Horizontal Bar Fencing; Stable Fittings of most approved designs; Spiral Staircases; Wine Bins of various constructions; Balcony and Tomb Railings of newest and best designs.

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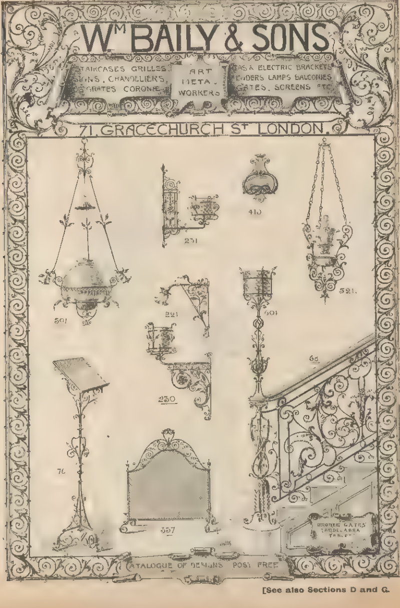


[See also Sections D and G.

TRADE MARK THE BALL & CROSS OF ST. PAUL'S, MADE AT OUR WORKS 1821.

BENHAM & FROUD, Ltd.,

General Metal Workers.

Speciality: Architectural Metal Work.

SEND FOR NEW
ENLARGED + CATALOGUE.
NOW READY.

Wrought Iron Work.

CHURCH FURNITURE.

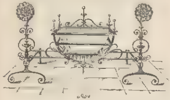
Electric Light Fittings

Vanes, Lightning Conductors, &c.

DOOR FURNITURE.

Baths, Boilers, &c.

SPEAKING TUBES, &c.



Designs and Estimates Free on Application.

Chandos Works, Chandos Street, LONDON, W.C.

ESTABLISHED 1785.

BAYLISS, JONES & BAYLISS'

CONTINUOUS BAR FENCING.

With Patent Bulb Tee Steel Standards, and Patent "Champion" Steel Plates.

The Horizontal Bars are 15 ft. long, they [illegible] through the Standards, and are wedged vertically at back

S[illegible] FOR LARGE LOTS.

PRICE: No. 15BTS. Fence, 3 ft. 9 ins. high, from ground, with five horizontals, top, ⅝ in. diameter, four lower 1 in. × ¼ in. flat iron. Standards placed 3 ft. apart. 2/6½ per yard. Carriage paid to most Railway Stations in England in lots of 30 yards and upwards.

If 3 ins. higher, ½d. per yard extra. If Varnished, 1d., or Painted, 1½d. per yard extra.

Prices for Gates to match on application.

COPY OF TESTIMONIAL. *July 4th, 1887.*

"Gentlemen,—We have put up just upon Two Miles of your No. 15 B.T.S. Continuous Fencing, with **Bulb Tee Steel Standards and Thrust Plates.** It is very easily fixed, and gives entire satisfaction. It is impossible to make a better fencing. It is neat and strong."

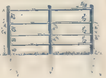
THE VICTORIA RIVETLESS HURDLE. *100,000 Sold.*

STEEL HORIZONTALS.

The strongest, cheapest, and most rigid Hurdle ever offered to the Public. Drawing A shows bar threaded through [illegible] Drawing B, Horizontal Bar after it has been clenched to the upright. The [illegible] ensures first-class material as none other will stand the test.

LOW PRICES QUOTED ON APPLICATION.

LIGHT HURDLE. No. 17.



Each 6 ft. long.

PRICE—Varnished, 1/8½ per yard, including Bolt and Nut.

STRONG HURDLE. No. 23 B.

Each 6 ft. long.

PRICE—Varnished, [illegible] per yard, including Bolt and Nut.

Carriage paid to most Railway Stations in England in lots of 30 yards and upwards.

WIRE FENCING, WITH PATENT "NATIONAL" STEEL STANDARDS.

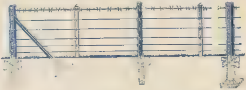
Patent "Champion" Steel Thrust Plates, and Patent Clips.

PRICE. No. 1090N.—Fence, 3 ft. [illegible] high, with [illegible] Wire [illegible] Barb, and five lower No. 6 [illegible] Standards [illegible] ft. apart and one Angle Steel Dropper between, 1/1 per yard.

Carriage paid [illegible] Stations in England in lots of 150 yards.

Single Straining Pillars with Stay, 33/- each. Double Straining Pillars (without Stays) 27/6 each extra.

[illegible]



IRON AND WIRE ESPALIER AND FITTINGS.

FOR WIRING GARDEN WALLS.

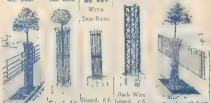
Price [illegible]

[illegible] Holdfasts with Winders, 8s. per doz. [illegible] upwards carriage paid to most [illegible] Stations in [illegible]

Complete List Free.

CHAIN FENCING FOR CARRIAGE DRIVES.

WROUGHT IRON TREE GUARDS.



D shaped Guard, [illegible] by 10ins. by [illegible] high. Price [illegible], 22/- [illegible] Cast Iron [illegible] by 2½ft.

No. 88A. Guard, 6 ft. high, by 12 inchs. diam. Price (painted) 10/6 each.

Guard, 6 ft. high by 15 inchs. diam., [illegible] (painted), 13/3 each.

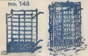
Barb Wire Guard, 6 ft. high [illegible] Framework painted. Price, 11/9 each.

[illegible] high from [illegible] diameter at top and bottom, by [illegible] diameter at [illegible]. Price (painted), 18/9 each. Cast Iron Grating 4 ft. square, 21/- extra.

[illegible] to most Railway Stations in England if six ordered.

WROUGHT IRON WINE BINS.

No. 143.



To hold [illegible] doz. [illegible] Complete List Free.

POULTRY AND LAWN TENNIS FENCING.

Complete List Free.

Catalogue of all kinds of Hurdles, Iron and Wire Fencing, Gates, Etc., Free.

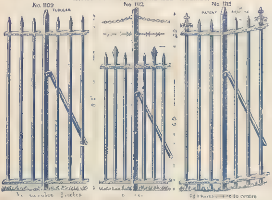
Manufactory VICTORIA WORKS, **WOLVERHAMPTON.** London Offices and Show Rooms **139 & 141, CANNON STREET, E.C.**

Telegrams—"BAYLISS WOLVERHAMPTON." "LOCKFAST, LONDON."

Please refer to 1894 'COMPENDIUM' for other Designs. The above Illustrations are Copyright. (See over.)

BAYLISS, JONES & BAYLISS'

EXTRA STRONG UNCLIMBABLE RAILINGS.



CEMETERY RAILINGS

The Horizontals are of extra strong channel steel, and the Standards of H steel.

Each panel will have two leg supports, and Wing Plates will be riveted on the Standards.

No. 1109 has welded vertical tubes.

No. 1112 has a Chain Top Suspended in festoons, and a line of Barb Wire underneath, which are included in the following prices.

No. 1115 is made upon our patent self adjusting principle (similar to No. 2765 Railing on opposite page), but is extra strong, and has an ornamental wrought iron head to every third bar.

SPECIFICATIONS AND PRICES.

Each panel is 8 feet long, with one Standard and Stay, and covered with a coat of Best Oil Paint

Railing complete.	Height from ground when fixed.		Section of Verticals.	Carriage paid to most Railway Stations in England in lots of 30 yards and upwards	
No.	ft.	in.		s.	d.
1109	[illegible]	[illegible]	1⅛" ex. diam. Tubes	[illegible]	[illegible] per yard
1112	[illegible]	0	⅞" square iron	[illegible]	[illegible] ,,
1115	[illegible]	0	⅞ square	[illegible]	,,

Railing with stronger Vertical Bars, also prices for Gates to match, quoted on application.

CHEAP BOUNDARY RAILING.

No. 112K. This Railing is cheaper than Hurdles, and can be fixed closer up to the purchaser's boundary, thus saving about 8 inches of ground. The framework is of flat iron.

SPECIFICATIONS AND PRICES.

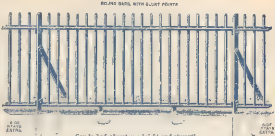
Each panel is 9 ft long, with one Standard, two Bolts and Nuts, and covered with a coat of Best Jet Varnish.

Height from ground when fixed		Vertical Bars. Size.	Distance centre to centre.	Carriage paid to most Railway Stations in England in lots of 30 yards and upwards.	
ft	in	Round		s.	d.
3	9	½ in. dia.	4½ in.	3	3 per yard
4	0			3	4½ ,,
4	0	⅝ in. dia.	4¾ in.	4	4 ,,
4	6	,,		4	[illegible] ,,
4	6	¾ in. dia.	5½ in.	6	0½ ,,
Side Stays, 1½ × ⅜ in. with Plate Base.				1	3 each extra.

Prices for gates to match quoted on application.

CONTINUOUS UNCLIMBABLE WROUGHT IRON RAILING.

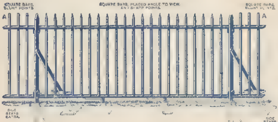
No. 112K.



Can be had almost any height and strength. Special quotations for large lots

CONTINUOUS UNCLIMBAELE WROUGHT IRON RAILING.

No. 112 S.W.



Can be had almost any height and strength. Special quotations for large lots.

CHEAP BOUNDARY RAILING.

No. 112 S.W.—This Railing is similar to No. 112 K above, but has square Vertical Bars, placed angle to view, and anchor feet made suitable for fixing close up to purchaser's boundary The framework is of flat iron.

SPECIFICATIONS AND PRICES.

Each panel is 9 ft long, with one Standard, two Bolts and Nuts, and covered with a coat of the Best Jet Varnish.

Height from ground when fixed.	Vertical Bars. Size.	Distance centre to centre.	Carriage paid to most Railway Stations in England in lots of 30 yards and upwards.	
in	Square.		s.	d.
[illegible]	[illegible]	4⅞ in.	4	4 per yard
4		,,	4	6 ,,
4			4	10½ ,,
4	[illegible] in.	5[illegible] in.	5	[illegible] ,,
4	,,	,,	5	7 ,,
Side Stays, 1½ × ⅜ in. with Plate Base.			1	3 each extra

Prices for gates to match quoted on application.

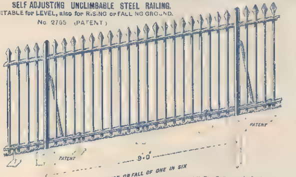
Manufactory VICTORIA WORKS, **WOLVERHAMPTON.** London Offices and Show Rooms 139 & 141, CANNON STREET, E.C.

BAYLISS, JONES & BAYLISS'

SELF ADJUSTING UNCLIMBABLE STEEL RAILING.

SUITABLE for LEVEL, also for RISING or FALLING GROUND.

No. 2765 (PATENT)



☞ This Railing can be fixed close up to the purchaser's boundary, thus saving about 6 inches of land. It will adapt itself to a rise or fall of the ground equal to 1 in 6, or 6 inches per lineal yard. If Railing is required for a steeper gradient it will be a little higher in price, and the exact gradient must be given when ordering.

It is easily put together, on an entirely new and patented principle, which securely locks each bar when fixed. As it is despatched in bundles, the Railway Companies deliver it at a lower rate than the ordinary vertical bar fencing, thus effecting a saving which almost covers the cost of erection. Where a cheap, strong and unclimbable railing is required, it cannot be surpassed.

Gates to match quoted on application.

The Horizontals are of Channel Steel, and the Standards of Bulb Tee Steel and Bulb Iron.

SPECIFICATIONS AND PRICES.

Each Panel is 9 feet long, with one Standard and Square Side Stay. The whole of the material is heated and dipped into Best Boiled Linseed Oil before leaving our Works.

Height from ground when fixed.	Steel Size.	Distance centre to centre.	Carriage paid to any Railway Station in England. In lots of 50 yards and upwards
ft. in.	SQUARE		s. d.
3 0	[illegible] inch	[illegible] ins.	4 9 per yard.
4 0	[illegible]	[illegible]	5 2 "
4 [illegible]	[illegible]	[illegible]	5 10 "
4 0	[illegible]	[illegible]	6 5 "
5 0	[illegible]	[illegible]	7 1 "
4 0	[illegible]	[illegible]	6 7 "
4 6	[illegible]	[illegible]	7 3 "
5 0	[illegible]	[illegible]	7 11 "
5 6	[illegible]	[illegible]	8 6 "
6 0	[illegible]	4[illegible]	9 2
4 6	[illegible]	4½ ins.	8 7 "
5 0	[illegible]	4½ "	9 3 "
4 6	[illegible]	5 "	8 10 "
5 0	[illegible]	5 "	9 9
6 0	[illegible]	5 "	11 3 "

N.B.—Instructions for putting together at destination will be sent with each Invoice.

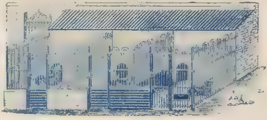
WROUGHT IRON DOG KENNEL RAILING, No. 18K.R.

No. 18K.R. Railing is made in 6 ft. lengths, with main standard to each to go into ground.

SPECIFICATIONS AND PRICES.

Covered with one coat of Best Oil Paint, and Carriage Paid to most Railway Stations in England.

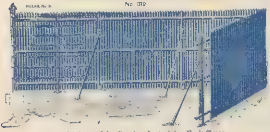
Height from ground when fixed.	Size of Vertical Bars	Space between Bars	No. of Horizontals	Price per yard
				s. d.
5 feet	$\frac{5}{16}$ in. dia.	2 inches.	[illegible]	6 3
6 "	"	"	[illegible]	6 9
7 "	"	"	4	7 3
5 "	⅜ in. dia.	2½ inches.	[illegible]	6 6
6 "	"	"	4	7 0
7 "	"	"	4	7 6
5 "	½ in. dia.	3 inches.	3	7 6
6 "	"	"	3	8 3
7 "		"	[illegible]	[illegible] 3



Hand Gate to match 2 ft. wide, with Slip Bolt and Standards, £1 10s., Lock, 6/- extra. If Railing has Corrugated Sheets at bottom, 1/6 per yard extra. If gate ditto, 4/- extra. *Prices for Railing on Wall Quoted on Application.*

UNCLIMBABLE CORRUGATED SHEET IRON FENCING.

No. 39



May also be used for Espalier for training Fruit Trees

Gates to match quoted on application.

This Fencing is unclimbable from the outside. It forms an excellent substitute for Divisional Brick Walls, and it can be fixed close up to a boundary. The Horizontals are of strong Angle Iron and the Standards of Strong Bulb Tee Iron, spaced 8 ft. 4 in. apart, fitted with our Patent "Champion" Steel Thrust Plate and a square side Stay.

The Galvanized Corrugated Sheets have serrated tops, and the Framework and Pillars are covered with one coat of Best Jet Varnish.

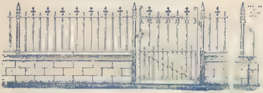
PRICES, Carriage Paid to most Railway Stations in England in lots of 50 yards and upwards.

Height from ground when fixed.	5 feet	6 feet	7 feet
	s. d.	s. d.	s. d.
Fence only ..	5 10	7 4	8 3 per yard.
No. 9 Terminal Pillars	20 0	22 9	24 9 ea. extra.
Angle Iron Corner Standards ..	2 3	2 6	3 [illegible] "

Manufactory: VICTORIA WORKS, **WOLVERHAMPTON.** London Offices and Show Rooms 139 & 141, CANNON STREET, E.C.

BAYLISS, JONES & BAYLISS'

CHEAP ORNAMENTAL RAILING. No. 218.



[illegible] Railing has Wrought Iron Heads alternately, the Horizontals are of Channel Steel connected every 6 feet by a Cast Iron Pillar with Wrought Iron Stay. The Vertical Bars are $\frac{5}{16}$ [illegible] apart centre to centre.

PRICES (Painted).

Railing 2 feet high from top of coping [illegible]
" 2½ feet " [illegible] 6
" 3 feet " " [illegible]
Gate only 3½ feet wide × 4 feet high, with Latch [illegible]
[illegible] feet " " [illegible]
Pair of Cast Iron Pillars & Wrought Iron Stays to [illegible] 1 12 0 extra
[illegible]

Carriage paid to most Railway Stations in England.

This railing is suitable for Public Parks, Recreation Grounds, &c. The horizontals are of Channel Steel, and the Pillars of Cast Iron.

SPECIFICATIONS AND PRICES

Each Panel is 9 feet long, with one Cast Iron Pillar as shown, and covered with a coat of Best Oil Paint.

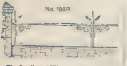
Height from ground when fixed.	VERTICAL BARS. Size	VERTICAL BARS. Distance centre to centre.	Carriage paid to most Railway Stations in England. *In lots of 30 yards and upwards*
RAILING.	ROUND.		
4 feet [illegible] inches	½ inch diameter	4⅝ inches	[illegible] per yard
4 feet 6 inches	" "	"	11 1 "
5 feet 0 inches	" "	"	12 10
4 feet 6 inches	⅝ inch diameter	4⅛ inches	13 5 per yard
5 feet 0 inches	" "	"	14 [illegible]
5 feet 6 inches	" "	"	15 [illegible] "
6 feet 0 inches	" "	"	16 0 "
5 feet 0 inches	¾ inch diameter	5⅜ inches	19 3 per yard.
5 feet 6 inches	" "	"	20 3 "
6 feet 0 inches	" "	"	[illegible]

ORNAMENTAL UNCLIMBABLE RAILING, No. 427R.

The Ornamental Heads on Vertical Bars are of Wrought Iron. For Prices of Gates to match Railing see last page of this Advertisement.

WROUGHT IRON RAILINGS FOR GOTHIC BUILDINGS, &c.

No. 186R

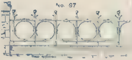


The Scrolls and Wings are Malleable Iron and the Standards of ¾ in. square Wrought Iron, spaced every 4 feet.

PRICE (Painted)

Railing 1¾ feet high from top of coping of top of Standards, 7s. 6d. per yard.

No. 97

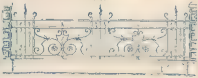


This Railing is made in 9 feet lengths, and can be put together with bolts and nuts in lieu of rivets if desired.

PRICE (Painted).

Railing 1¾ feet high, 11s. 9d. per yard.

No. 362



This is a superior Railing. It is made of Wrought Iron throughout.

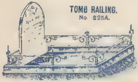
PRICE (Painted).

Railing in 9½ feet lengths, by 4½ feet high from coping to top of the Speared Head, £1 10s. per yard.

For Gates to match, see last page of this Advertisement.

CARRIAGE PAID TO MOST RAILWAY STATIONS IN ENGLAND.

TOMB RAILING.
No. 225A.



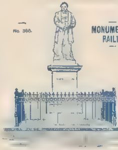
The Horizontals are [illegible] in. square Steel, and the Pillars of Wrought Iron with Malleable Iron Enrichments.

Price (Painted), 7½ ft. long, by 3½ ft. wide, by 12 ins. high to horizontal, £5 2s. 6d.

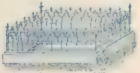
[illegible] Railway Stations in England.

MONUMENTAL RAILING.

No. 388.



WROUGHT IRON TOMB RAILING.
No. 226A.



This is a chaste design, and of Wrought Iron throughout.

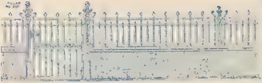
PRICE (Painted).

Railing 9 feet long by 4 feet wide, by 2½ feet high from top of coping, £8 10s.

Carriage paid to most Railway Stations in England.

Manufactory VICTORIA WORKS. **WOLVERHAMPTON.** London Offices and Show Rooms: 139 & 141, CANNON STREET, E.C.

BAYLISS, JONES & BAYLISS'



ORNAMENTAL WROUGHT IRON RAILING AND GATE, No. 244.

This new design is made in 9 feet lengths, with a Cast Iron Pillar to each. The long Vertical Bars are ⅝ inch square, flat to view, and the short ones ½ inch square, angle to view.

PRICES (Painted).

Carriage paid to most Railway Stations in England.

Railing 2½ feet high from top of coping, with Vertical Bars spaced 4½ inches apart, centre to centre 9s. 9d per yard, Gate 3 feet wide by 4½ feet high from ground when hung, fitted with Lock and pair of Cast Iron Pillars, including a strong Wrought Iron Back-stay to each, to fix in stone, £6 9s. 6d

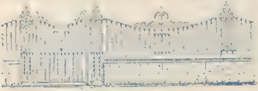
ORNAMENTAL RAILING AND GATE, No. 246.

This new pattern is made in 9 feet lengths connected by a Cast Iron Pillar as shown. The scrolls and wing pieces are Malleable Iron.

PRICES (Painted).

Carriage paid to most Railway Stations in England.

Railing 2½ feet high from top of coping, 18s. 3d. per yard. Gate 3½ feet wide by 4½ feet high from ground when hung, fitted with Lock and pair of Cast Iron Pillars including a strong wrought iron Back stay to each, to fix in stone £7 [illegible] od



ORNAMENTAL WROUGHT IRON RAILING AND GATE, No. 249.

This elegant design is made in 9 feet lengths from centre to centre of the Pilasters. The latter are 10 inches wide with Back stays to lead into stone.

PRICES (Painted).

Carriage paid to most Railway Stations in England

Railing 1¾ feet high to centre of top horizontal, rising to 2½ feet high at Pilasters, which are included, at 36s. 3d. per yard. Gate 3⅜ feet wide by 4 feet high from ground to centre of top horizontal when hung, fitted with Lock and pair of Wrought Iron Pilasters, each 10 inches wide, with two Back-stays to each to lead into stone, £10 9s. od.

STRONG ORNAMENTAL RAILING, No. 1250.

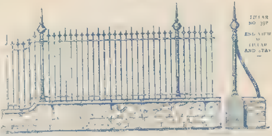
The Pillars and Stays are of Cast Iron, the former being provided with a Wrought Iron Conical Spike at top. The Vertical Bars are of Wrought Iron ¾ inch diameter spaced 4½ inches apart, centre to centre, sharp pointed and ornamented by Cast Iron Ringlets as shown, thus producing a chaste effect

PRICES (Painted).

Carriage paid to most Railway Stations in England.

Each panel is 9 feet long by 4 feet 9 inches high from top of coping to points of the Vertical Bars, and the Horizontals are of strong Channel Steel. Complete with Pillar and Stay, every 9 feet as shown, 25s. 6d per yard. If required ramped as shown at A above, extra.

For Gates to match see last page of this Advertisement.



ORNAMENTAL RAILING AND GATES, No 1254

This Railing is extra strong, the heads are of Wrought Iron. The Quatrefoils and Pillars are Cast Iron, and the latter are spaced 9 feet apart.

PRICES (Painted).

Carriage paid to most Railway Stations in England

Railing 4½ feet high from top of coping, Vertical Bars ¾ inch diameter 6 inches apart centre to centre in 9 feet panels with Pillar to each 35s per yard. Ditto 5 feet high and 1 inch diameter Bars, 45s. 3d. per yard

Gate 3½ feet wide by 5 feet high, with Lock and pair of Cast Iron Pillars for stone £8 1s. od

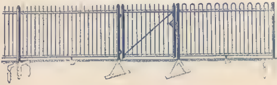
We have fixed a large quantity of similar Railing at the Victoria Station, Manchester

Manufactory VICTORIA WORKS, **WOLVERHAMPTON.** London Offices and Show Rooms **139 & 141, CANNON STREET, E.C.**

BAYLISS, JONES & BAYLISS'

LIGHT VERTICAL BAR WROUGHT IRON HURDLES.

No. 8E No. 8F



SAME PRICES FOR EITHER DESIGN.

Su[illegible] for [illegible] &c.
Each hurdle is 6 ft. long, and covered with a coat of Best Oil Paint.

Height from ground when fixed.	Vertical Bars. Size Round.	Distance Centre to Centre	Carriage Paid to most Railway Stations in England, In lots of 30 yards and upwards
2 ft. 6 in.	⅜ in. dia.	3 inches.	3s. od. per yard.
[illegible]	"	"	3 1
3 ft. 0 in.	"	"	3 2½
3 ft. 0 in.	$\frac{7}{16}$ in.	3 inches	4 [illegible]
3 ft. 6 in.	"		4 3½
Gate 3 ft. wide to [illegible] (including the side stays)			25 9 each.

These Hurdles are well made and very cheap.

SPECIFICATIONS AND PRICES.

Each 6 ft. long, with two Bolts and Nuts, and covered with one coat of Best Jet Varnish.

Hurdles No.	Height from ground when fixed.	Vertical Bars. Size.	Distance Centre to Centre	Carriage Paid to most Railway Stations in England. In lots of 30 yards and upwards.
		R[illegible]		
11 C	4 ft. 0 in	½ in. dia.	4⅝ in.	3s. 10½d. per yard.
	4 ft. 0 in	[illegible] dia	4⅝ in	5 0 "
	4 ft. 0 in		"	5 6 "
	5 ft. 0 in	¾ in. dia	5⅛ in	7 6 "
		Square		
11 C S	4 ft. 0 in	$\frac{9}{16}$ in.	5⅜ in	4 11 "
	4 ft. 0 in	⅝ in	5⅜ in	5 8 "
	4 ft. 6 in	"		6 2 "
	6 ft. 0 in	$\frac{11}{16}$ in	6 in	6 8½

UNCLIMBABLE WROUGHT IRON HURDLES.

No. 11C. ROUND VERTICAL BARS No. 11C.S. SQUARE VERTICAL BARS, PLACED ANGLE TO VIEW

Special Low Prices quoted for Large Lots.

Prices for Gates to match will be quoted on application.

ORNAMENTAL GAME-PROOF GARDEN HURDLES.

Each 6 feet long and covered with one coat of Best Oil Paint.

N.B.—Hurdles under 4 feet high are supplied with one Bolt and Nut to each, and 4 feet high and upwards with two.

No. 5A. No. 6A.

SAME PRICES FOR EITHER DESIGN.

These are also useful for dividing villa grounds, &c.

SPECIFICATIONS AND PRICES.

Each 6 ft. long, and covered with one coat of Best Oil Paint.

No.	Height from ground when fixed.	Vertical Bars. Size Round.	Distance apart in the clear	Carriage Paid to most Railway Stations in England. In lots of 30 yards and upwards
5A	2 ft. 6 in.	¼ in. dia.	1⅛ in.	3s. 5½d. per yard.
or	3 ft. 0 in.	"	"	3 8 "
	3 ft. 6 in.	"	"	3 10½ "
6A	4 ft. 0 in.	"	"	4 3½ "
Gate 3 ft. wide to match, and pair Cast Iron Pillars with self-fixing bases				54 0 each.

This Hurdle forms an elegant design for Churchyards, divisions in Cemeteries, &c.

The new shape of the Feet and Plates makes them well adapted for fixing close up to the edges of foot paths, thus saving about eight inches of ground.

SPECIFICATIONS AND PRICES.

Each hurdle is 6 feet long from centre to centre of the large malleable winged heads, and is covered with a coat of Best Oil Paint.

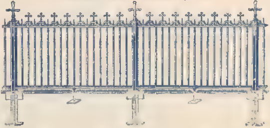
The Vertical Bars are ½ in. diameter, spaced 4 inches apart centre to centre. The alternate Bars have Ornamental Wrought Iron Heads.

PRICES.

Hurdle 3½ feet high .. .. 9s. 1d. per yard.
" 4 " .. 9 5 "

Carriage paid to most Railway Stations in England in lots of 30 yards and upwards.

ORNAMENTAL WROUGHT IRON HURDLES, No. 248.



For Gates to match see last page of this Advertisement.

Manufactory VICTORIA WORKS, **WOLVERHAMPTON.** London Offices and Show Rooms 139 & 141, CANNON STREET, E.C.

BAYLISS, JONES & BAYLISS'

WROUGHT IRON CARRIAGE AND SIDE GATE, No. 158.

This forms a new and superior design for entrance Gate, with Cast Iron Pillars. The Carriage Gate is 9 feet wide, by 4½ feet high from ground to top of centre ornaments, and the Side Gate 4 feet wide. Each Gate is made Dog Proof in the lower portion and well finished throughout.

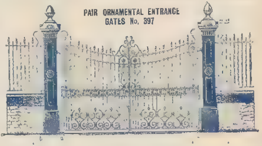
PRICES (Painted).

	£	s	d
Carriage Gate only, with Riding Latch and Hangings, for Wood or Stone	6	18	0
Side Gate only, ditto ditto	3	12	9
Pair of Cast Iron Pillars, 8 inches square at centre, to fix on Stone, including Bolts .. .. .extra	11	13	0
Ditto ditto with detached self-fixing Bases to Bolt on .. ..extra	14	16	9

If with Screwed Hangings to bolt through Wood or Stone Posts, 2/6 per Gate extra.

Carriage paid to most Railway Stations in England.

PAIR ORNAMENTAL ENTRANCE GATES No. 397



CAST IRON GATE STOPS, EXTRA.

These Gates are constructed of Wrought Iron throughout, and finished in the best manner. They are 11 feet 6 inches wide, by 8 feet high from ground to top of Scrolls at centre, when hung (or 8 feet 6 inches high to top of Heels) and fitted with best Brass-warded Lock and Sham in Cast Iron Cases.

PRICES (Painted)

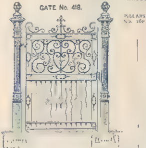
	£	s.	d.
Pair Gates Only with Hangings for Stone Piers	32	2	6
Ditto, with Cast Iron Pillars [illegible] inches square, to fix on Stone, as shown, including Bolts . ..	58	10	0
Ditto, ditto with self-fixing Bases to Bolt on..	61	12	6

Carriage paid to most Railway Stations in England.

Prices for Railing as shown, quoted on application.
Packing will be charged at cost price, not returnable

ORNAMENTAL WROUGHT IRON GATES.

GATE No. 418.



No. 418 Gate is 3 ft. 9 ins. wide, by 5 ft. high from ground to top horizontal, when hung.

GATE No 420.

No 420 Gate is 4 feet wide, by 5 feet high from ground to top horizontal, when hung.

PRICES (Painted).

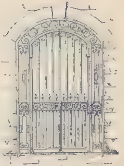
	£	s.	d.
No. 418.—Gate only, fitted with Lock and Hangings for Wood or Stone	8	[illegible]	6
Ditto, with Cast Iron Pillars to fix on Stone as shown, including Bolts	13	[illegible]	6
Ditto, ditto with self-fixing Bases	14	[illegible]	9
No. 420.—Gate only, fitted with Lock and Hangings for Wood or Stone	[illegible]	7	6
Ditto, with Cast Iron Pillars to fix on Stone, as shown, including Bolts	[illegible]	3	6
Ditto, ditto with self-fixing Bases	[illegible]	[illegible]	[illegible]

Carriage paid to most Railway Stations in England.

Packing will be charged at cost price, not returnable.

WROUGHT IRON GATES.

No 75A.



Prices quoted on receipt of size of Archway.

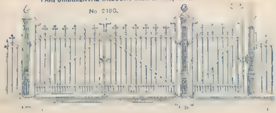
B. J. & B. will be happy to estimate for Architects' own or other Designs of Ornamental Iron Work Railings and Gates, &c.

Manufactory, VICTORIA WORKS, **WOLVERHAMPTON.** London Offices and Show Rooms **139 & 141, CANNON STREET, E.C.**

BAYLISS, JONES & BAYLISS'

PAIR ORNAMENTAL WROUGHT IRON GATES, WITH SIDE GATE.

No. 248G.



CAST IRON GATE STOPS, EXTRA.

These Gates match No. 248 Hurdles on the 6th page of this advertisement.

The Pair of Gates are 4 feet 6 inches high from ground to top of Ornamental Heads (at centre of each leaf) when hung, by 9 feet wide, and Side Gate to match, 3 feet 3 inches wide.

PRICES (Painted).

Pair Gates only, with Lock, Sham, and Hangings [illegible] Wood or Stone .. [illegible]

Side Gate only, fitted with Lock and Hangings, for Wood or Stone .. .. .. [illegible]

Pair Cast Iron Pillars [illegible] on Stone [illegible]

" " " with self-fixing Bases [illegible]

Carriage paid to most Railway Stations in England

Packing will be charged at cost price, not returnable

These Gates match the Ornamental Railing, No. 362, shown on the 4th page of this advertisement.

They are 8 feet wide by 4 feet 6 inches high from ground to top, Horizontal when hung. The Bosses are Cast Iron.

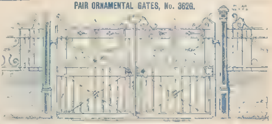
PRICES (Painted).

	£ s. d.
Pair Gates only, fitted with Lock, Sham, and Hangings for Wood or Stone	17 10 0
Side Gate only, 3½ feet wide, fitted with Lock, and Hangings for Wood or Stone ..	[illegible] 6
Pair Cast Iron Pillars, to fix on Stone . extra	[illegible]
" " " with self-fixing Bases extra	[illegible] 8

Carriage paid to most Railway Stations in England

Packing will be charged at cost price, not returnable

PAIR ORNAMENTAL GATES, No. 362G.



CAST IRON GATE STOPS, EXTRA.

PAIR ORNAMENTAL GATES AND SIDE GATE, No. 423G.

CAST IRON GATE STOPS, EXTRA.

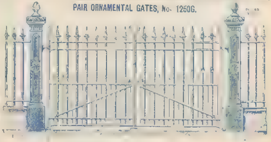
The Pillars are of Cast Iron, with a Wrought Iron Back-stay to each

These Gates match No. 407R Railing on the 4th page of this advertisement. The Pair Gates are 10 ft. wide, and the Side Gate 3½ ft. wide, and fitted with Locks, as shown.

PRICES (Painted).

[illegible]	Size of [illegible]	Pair of [illegible]	S[illegible]	[illegible] (Extra.)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

PAIR ORNAMENTAL GATES, No. 1250G.



CAST IRON GATE STOPS, EXTRA.

These Gates match No. 1250 Railing, shown on the 5th page of this advertisement.

The Dog Bars are of Square Wrought Iron placed flat to view

PRICES (Painted).

	£ s. d.
Pair Gates [illegible] 10 feet wide, by 6 feet high from ground when hung, with [illegible] Lock, Sham, and Hangings for Stone Piers	[illegible] 17 6
Pair of Cast Iron Pillars, 8 inches square at centre, to fix on Stone, as shown, including Bolts . extra	[illegible] 6
Ditto ditto with detached Self-fixing Bases to bolt on .. . . extra	[illegible] 17 6

Packing will be charged at cost price, not returnable.

Manufactory VICTORIA WORKS, **WOLVERHAMPTON.** London Offices and Show Rooms 139 & 141, CANNON STREET, E.C.

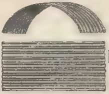
THE

BLACKWALL GALVANIZED IRON Co., Limited.

Offices—CORBET COURT, LONDON, E.C. *Works—ORCHARD PLACE, BLACKWALL.*

MANUFACTURERS OF

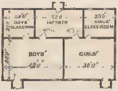
BEST GALVANIZED CORRUGATED SHEETS.



BEST GALVANIZED FLAT WORKING-UP SHEETS.

Contractors for the Erection of all kinds of

IRON ROOFING AND BUILDINGS.



Makers of IRON KEGS. DRUMS & CANS.

THE COMPANY GALVANIZE EVERY DESCRIPTION OF IRONWORK ON THE SHORTEST NOTICE.

ROLLED JOISTS & GIRDERS. IRON TANKS & CISTERNS.

Largest Plant and most Modern Appliances in the Trade for

GALVANIZING IRON TANKS, CISTERNS, PLATES, ANGLES, BARS, &c.,

OF EXTRA LENGTH AND BREADTH.

FREDK. BRABY & CO.,

LONDON. LIVERPOOL. GLASGOW.

CHIEF OFFICES: 352 to 364, Euston Rd., London.

ZINC AND COPPER ROOFING AND PATENT GLAZING.

Our Improved and Patented Systems of laying Zinc and Copper are generally well known to Architects and Engineers, but as our work on "ZINC ROOFING," with Drawings (a copy of which was sent to every member of the Profession some time since), is not always readily accessible, we make use of this medium to respectfully suggest the following SPECIFICATION to ensure only best work, and, in consequence, increased durability :—

"The Flats are to be covered with No. 15 Gauge Vieille Montagne Zinc, by Braby's, Euston Road, London, and fixed by their Workmen with Holding-Down Clips, Improved Solid Stopped Ends and Ridge Plates. No solder nor external fastenings are to be used. Drips to be $2\frac{1}{2}$ inches deep." *See Fig.* 2, *page* 6*, *of Third Edition* (*or Fig.* 10, *page* 9, *of Old Edition*).

*This refers to our Book on "Zinc Roofing," containing full Instructions and Drawings as to Drips, full sizes of Wood Rolls, &c. It is a Green-covered Book, and has

"FREDERICK BRABY & CO."

on the back. (If not readily to hand, we will send another on application.)

THE GAUGES USED FOR ZINC ROOFS ARE EITHER:

	13	**14**	**15**	**16 Gauges.**
Weighing about	17	$18\frac{3}{4}$	$21\frac{1}{4}$	$24\frac{3}{4}$ Ounces to the Square Foot.

(*A sample packet of Gauges will be sent for Office use on application.*)

THE AVERAGE PRICES FOR ZINC ROOFING ARE:

13	14	15	16 Gauges.
$4\frac{1}{2}$d.	**5d.**	**$5\frac{1}{2}$d.**	**6d. per square foot.**

THE AVERAGE PRICES FOR COPPER ROOFING ARE:

16	18	20	22 Ounces.
11d.	**1/-**	**1/1**	**1/2 per square foot.**

As Prices vary with the fluctuations in market value of raw materials, we are always pleased to have the opportunity of taking out quantities from drawings or tracings, and submitting a lump sum estimate for insertion in Bills of Quantities.

For ENAMELLED IRON CISTERNS, see Page 446.

THE ONLY PERFECT SELF-SUSTAINING BAR.

THOUSANDS OF FEET HAVE BEEN FIXED AND NOT ONE LEAK.

In comparing Estimates, F. BRABY & CO. desire to point out that their prices include the Moulded Wood Cores of Bars, and all necessary Ridgings and Flashings, whereas in some systems of Glazing, Estimates include merely the Metal Astragal and Cap, while the Wood Bars on which they rest, the Ridging, and the Flashing form an "extra."

AVERAGE PRICE, 1s. PER SQ. FT.

THE WHOLE OF THE ROOFING & GLAZING TO THE NEW BORO' MARKET ROOF, LONDON, WAS CARRIED OUT BY US.

For ZINC & COPPER ROOFING, see opposite page. For ENAMELLED IRON CISTERNS, see p 446.

F. BRABY & CO., 352-364, Euston Rd., London.

IDA WHARF, DEPTFORD, S.E.; EXPORT OFFICE: 110, CANNON STREET, E.C.
Also at LIVERPOOL and GLASGOW.

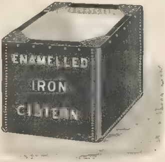
PATENT ENAMELLED
IRON CISTERNS AND TANKS.

BY ROYAL LETTERS PATENT.

Not liable to BREAK, as Slate Cisterns are, from Frost, &c.

Not liable to RUST, as are Iron Cisterns

No LEAD POISONING, as is experienced with Leaden-lined Cisterns, as no Lead or any other injurious ingredient is used in these enamelled Cisterns.



BY ROYAL LETTERS PATENT.

More ECONOMICAL, as they last longer than ordinary Iron Cisterns.

No formation in them of Metallic Salts injurious to health

The BEAUTIFUL APPEARANCE and PURITY of the WATER.

The public have long desired to be able to obtain ENAMELLED Iron Cisterns and Tanks. We are now in a position to supply such, as we are the Sole Manufacturing Agents for GENERAL CREASE, who has devoted much time and expenditure to the production of this much-wished-for article. Enamelled Tanks have been under trial for three years in Her Majesty's Royal Navy, and have officially been most favourably reported upon.

SIZES AND PRICES.

Capacities	Dimensions. Lengths.		Widths.		Depths.		Gauge of Iron.	PRICES—Delivered London. CISTERNS (Open top.)	TANKS (Closed top with removable cover.)
Gallons.	ft.	in.	ft.	in.	ft.	in.	Inch.	£ s. d.	£ s. d.
50	2	0	2	0	2	0	[illegible]	2 15 6	3 10 0
100	3	0	[illegible]	6	2	0	[illegible]	4 7 0	5 9 0
200	4	0	4	[illegible]	2	0	[illegible]	7 0 0	8 15 0
300	3	7	3	7	3	7	1/8	8 11 0	10 14 0
400	4	0	4	0	4	0	1/8	10 12 6	13 5 0

LESS TRADE DISCOUNT. PRICES FOR OTHER SIZES SENT ON APPLICATION.

When ordering, please state where holes are required, as these should be cut before the Enamelling is done.

The Laps or Joints of the Plates of the larger sizes are coated with Patent Enamel Cement

The outside of the Cisterns and Tanks are painted Red Can be supplied any other colour as may be required.

FREDK. BRABY & CO., London,

FITZROY WORKS, 352 to 364, Euston Road, N.W.

IDA WHARF, DEPTFORD, S.E.; EXPORT OFFICE: 110, CANNON STREET, E.C.

Also at LIVERPOOL and GLASGOW.

For COPPER ROOFING AND GLAZING, see Pages 444 & 445.

THOMAS
BRAWN
&CO.
ORNAMENTAL
METAL-WORKERS
Gas and electric light fittings,
Repoussé et
manufacturers.
64 CLEMENT ST
BIRMINGHAM.
Established
1852.

Telegraphic Address - "CASEMENTS, LONDON."

BURT & POTTS,

WROUGHT IRON CASEMENT MAKERS AND ENGINEERS,

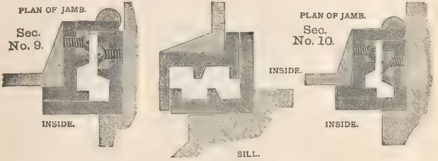
38 & 65, YORK STREET, WESTMINSTER, LONDON, S.W.

(Three Minutes' Walk from St. James' Park Station, Metropolitan District Railway.)

CASEMENTS AND FRAMES IN WROUGHT IRON. *GUARANTEED WATER-TIGHT.*

Made to open outwards, and prepared to receive Plate Glass, Lead Lights, or Sheet Glass in any number of panes.

Sections Nos. 9 and 10.



Sec. No. 9.

The preparation of the Jambs here shown is most appropriate to receive these casements, but they can be prepared for fixing in Jambs of other Sections.

Casements 4ft. 6in. and upwards in height are made of Section No. 9.
Under 4 ft. 6 in. are made of Section No. 10.

PRICES.—Hinged at side on brass hinges to Open Outwards, prepared to receive Glass in One Pane each, and with Square Heads.

Quality No. 1 are fitted with Gun Metal Lever Handles and Stays, finished and lacquered or bronzed, and those 4ft. 6in. and upwards in height are furnished with treble slide fastenings working on gun metal plates. Quality No. 2 are similar, except that those 4ft 6in and upwards in height have treble slide fastenings of their usual pattern Quality No 3 are fitted with Gun Metal Lever Handles and Stays, finished and lacquered, or bronzed, and those 4ft 6in and upwards in height have double slide fastenings of their usual pattern Quality No 4 are fitted with plainly filed Gun Metal Lever Handles and Stays, and those 4ft. 6in and upwards in height have double slide fastenings of their usual pattern. Quality No 5 are fitted with Malleable Iron Lever Handles and Iron Push-out Stays.

	Quality No. 1.	Quality No. 2.	Quality No. 3.	Quality No. 4.	Quality No. 5
Under 2ft. in height	41/- each	39/6 each	37 6 each	36/- each	33 - each.
2ft. and under 2ft. 6in. in height ..	42/- "	40/6 "	38/- "	37/- "	34/- "
2ft. 6in. " 3ft. " ..	43/- "	41/6 "	39/- "	38/- "	35 - "
3ft. " 3ft. 6in. " ..	43 6 "	42/- "	40/- "	39/- "	35 6 "
3ft. 6in. " 4ft " ..	47/ "	45/6 "	43/- "	42/- "	38 6 "
[illegible] " 4ft. 6in " ..	47/6 "	46/- "	44/- "	43/- "	39 6 "
4ft. 6in. " 5ft " ..	72 6 "	63 - "	58/6 "	56/- "	47 6 "
5ft. " 5ft. 6in. " ..	74/- "	65 - "	60 6 "	58/- "	49 - "
5ft. 6in. " 6ft " ..	78/- "	68 6 "	64/- "	61/6 "	53/- "

TRANSOME LIGHTS IN WROUGHT IRON. *GUARANTEED WATER-TIGHT.*

Burt & Potts' Windows and Frames of the above Sections for use above transoms, hinged at top to open outwards by means of Gun Metal Jointed Stays and Fastenings, prepared to receive glass in one pane each, and with square heads.

PRICES, any size up to 3ft. high—

Quality No. 1 with Gun Metal fittings, finished and lacquered, or bronzed, 48/- each.
Quality No. 2 with Gun Metal fittings, plainly filed, 45/6 each.

"**FIXED LIGHTS,**" Wrought Iron, of a Section, so that the glass in them is in the same plane as that in the Opening Casements, and the margin of Iron shown is also the same, prepared to receive glass in one pane each, and with square heads. From 14/ each under 2 feet in height to 23/- each 6 feet in height. Where it is not important that the plane of the glass in the "Fixed Lights" shall be the same as that in the Opening Casements, they can be supplied at much less prices.

Semi-Circular or Gothic Heads for Casements 10/6 each extra, Trefoil Heads for Casements 16/6 each extra, Semi-Circular or Gothic Heads for "Fixed Lights," 5/6 each extra, Trefoil Heads for "Fixed Lights," 9/- each extra. Cross Bars, 1/3 each bar extra. Casements, &c., of any height divided into 4 panes, 3/- extra; 6 do., 5/-, 8 do., 7/-; 10 do., 9/-; 12 do., 11/-.

N.B. In all cases Prices are determined solely by the heights, irrespective of the widths, which may vary from say 6in. to 2ft

MESSRS. BURT & POTTS make many Casements and Frames of other Sections and Qualities. Samples can be seen at their Office. An Illustrated Catalogue of the whole of their Casements will be forwarded upon application.

Telegraphic Address— "CASEMENTS, LONDON."

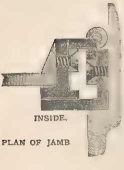
BURT & POTTS,

WROUGHT IRON CASEMENT MAKERS AND ENGINEERS,

38 & 65, YORK STREET, WESTMINSTER, LONDON, S.W.

(Three Minutes' Walk from St. James' Park Station, Metropolitan District Railway.)

CASEMENTS AND FRAMES IN WROUGHT IRON.



PLAN OF JAMB

CASEMENTS

of

Section No. 11.

SECTION OF SILL.

PRICES.

Hinged at side on brass hinges to Open Outwards, prepared to receive glass in One Pane each, and with Square Heads.

Quality No. 1 are fitted with Gun Metal Lever Handles and Stays finished and lacquered, or bronzed. Quality No. 2 are fitted with Gun Metal Lever Handles and Stays plainly filed Quality No. 3 are fitted with Malleable Iron Lever Handles and Wrought Iron Push-out Stays.

	Quality No. 1.	Quality No. 2.	Quality No. 3
Under 2ft. in height	30/- each	29/- each	26/- "
2ft. and under 2ft. 6in. in height	31/- "	29/6 "	27/- "
2ft. 6in. " 3ft. "	32/- "	30/6 "	27/6 "
3ft. " 3ft. 6in. "	32/6 "	31/6 "	28/6 "
3ft. 6in. " 4ft. "	35/- "	33/6 "	31/- "
4ft. " 4ft. 6in. "	35/6 "	34/6 "	31/6 "
4ft. 6in. " 5ft. "	39/- "	37/6 "	34/6 "
5ft. " 5ft. 6in. "	40/- "	38/6 "	35/6 "

TRANSOME LIGHTS IN WROUGHT IRON.

Burt & Potts' Windows and Frames of the above Section for use above transoms hinged at top to open outwards by means of Gun Metal Jointed Stays and Fastenings, prepared to receive glass in one pane each, and with Square Heads.

PRICES, any size up to 3ft. high:—

Quality No. 1 have the Gun Metal Fittings, finished and lacquered or bronzed, 38/6 each.

Quality No. 2 have the Gun Metal Fittings plainly filed, 36/- each.

"FIXED LIGHTS," Wrought Iron, of a Section so that the glass in them is in the same plane as that in the Opening Casements, and the margin of Iron shown is also the same, prepared to receive glass in one pane each, and with Square Heads. From 12/6 each under 2 feet in height to 18/ each 5 feet 6 inches in height.

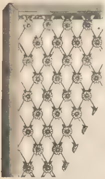
Where it is not important that the plane of the glass in the "Fixed Lights" shall be the same as that in the Opening Casements, they can be supplied at much less prices.

Semi-circular, or Gothic Heads for Casements 10/- each extra. Trefoil Heads for Casements 15/6 each extra. Semi-circular, or Gothic Heads, for "Fixed Lights," 5/6 each extra. Trefoil Heads for "Fixed Lights," 9/- each extra. Cross-bars, 1/3 each bar extra.

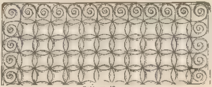
Casements, &c., of any height, divided into 4 panes, 3/- extra; 6 do., 5/-; 8 do., 7/-; 10 do., 9/-; 12 do., 11/-.

N.B.—In all cases Prices are determined solely by the heights, irrespective of the widths, which may vary from say 6in. to 2ft.

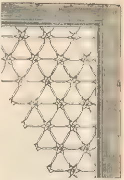
MESSRS. BURT & POTTS make many Casements and Frames of other Sections and Qualities. Samples can be seen at their Office. An Illustrated Catalogue of the whole of their Casements will be forwarded upon application



Pattern 32
Only made in Brass; can be fitted into square brass frame as shown, if desired.



Pattern 43.
This is fitted with a frame band of $\frac{1}{2} \times \frac{5}{16}$ for fixing into a fair opening



Pattern 25
Suitable for Panels in Wood Framing or can be framed in angle iron if desired.

"CASTALICE"

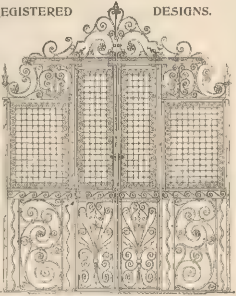
(REGISTERED TRADE MARK).

REGISTERED DESIGNS.

Ornamental METAL LATTICE

FOR VENTILATING PANELS, GUARDS TO LIFTS, COVERS FOR HOT WATER COILS ETC.,

In Iron, Brass, or Copper.



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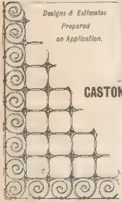
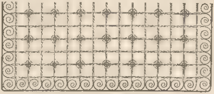
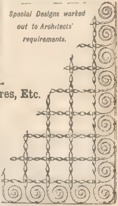
Can be carried out in any style in keeping with surroundings.



Pattern 24. Framed as Pattern 43



Pattern 47. Framed as Pattern 43



Pattern 49 Framed as Pattern 43.

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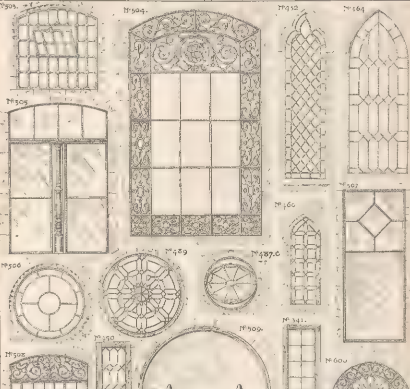

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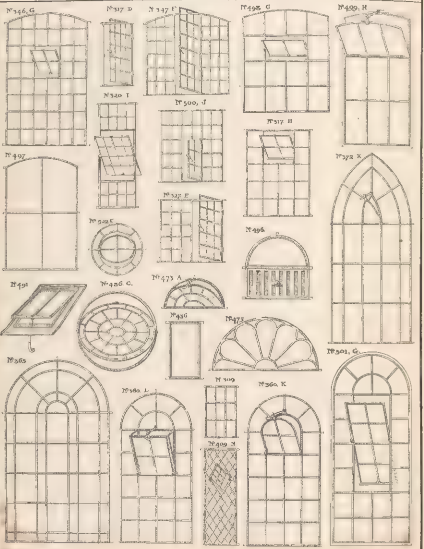

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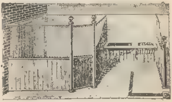

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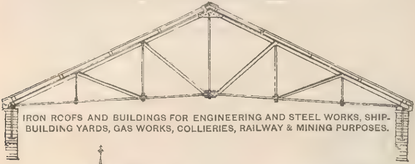

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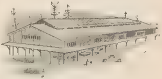

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To open inwards or outwards, prepared for glazing in one pane, with square heads are prepared to fix in rebates or groove. If in the latter, they can be varied in the method of opening either in or out, hung at side, head, or cill, or on pivots, without any alteration of stone or wood-work. Prices vary according to the quality and design of the fittings.

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HEIGHTS.	QUALITY.					Fixed Lights with glass in same plane and to match casement.
	1	2	3	4	5	
2-ft. and under ..	37/6	36/-	34/6	32/6	30/-	12/6
2½ft.	38/6	37/-	35/6	33/6	31/-	13/-
3ft.	39/6	38/-	36/6	34/6	32/-	13/6
3½ft.	41/-	39/6	37/6	35/6	33/-	14/6
4ft.	43/-	41/-	39/-	37/-	34/-	15/6
4½ft.	44/6	42/-	40/6	38/6	35/6	16/6
5ft.	60/-	57/-	53/-	50/6	45/6	18/-
5½ft.	64/6	61/6	56/-	53/6	47/-	20/-
6ft.	68/-	65/-	59/-	56/6	49/6	22/-

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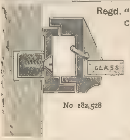
Casements are also made to open in or out, of rolled steel, and hung on steel pivots with gun-metal bearings.



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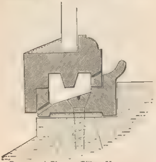
	1	2	3	
2-ft. and under ..	29/-	27/6	25/-	12/6
2½-ft	30/-	28/6	26/-	13/-
3 ft	31	29/6	27/-	13/6
3½ ft.	32 -	30/6	28/-	14/6
4 ft	34 -	32/-	29/6	15/6
4½ ft.	41	39/6	35/-	16/6
5 ft.	42 6	41/-	37/6	18/-

Patentees of Opening "In and Out" Casements for facility of cleaning.



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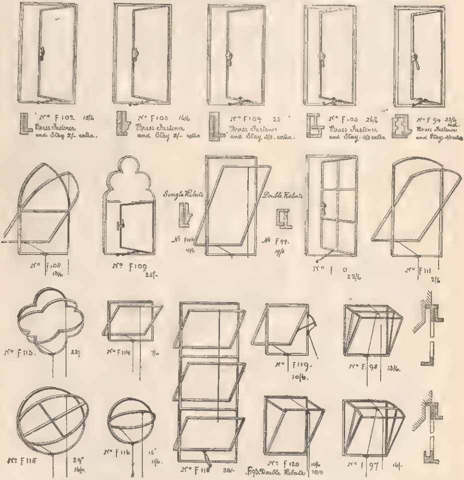

Above prices are to a scale of ½-in. = 1-ft., but can be made to any dimensions.

Discounts and Special Prices for large Quantities on receipt of Specifications.

FOR LIFTS AND IRON DOORS SEE SECTION D. **COMPLETE CATALOGUE SENT ON APPLICATION.**

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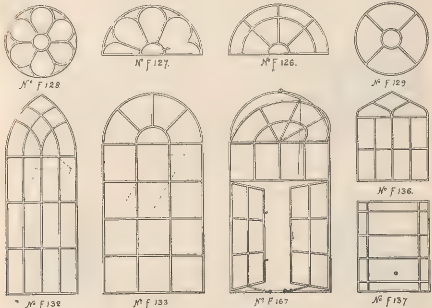
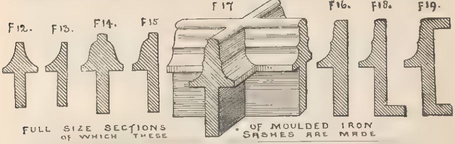
IMPROVED WROT IRON MITRE JOINT SASHES

MADE TO ANY SIZE OR SHAPE.





FULL SIZE SECTIONS OF WHICH THESE OF MOULDED IRON SASHES ARE MADE

☞ Prices vary from 6d. to 2s. 6d. per foot super, according to quantities, sizes, number of panes, section of iron, and design

EXACT ESTIMATES ON RECEIPT OF REQUIREMENTS

The Sashes are in every way superior to cast iron being practically unbreakable, and offer less obstruction to light.

FOR IRON DOORS AND LIFTS SEE SECTION D. COMPLETE CATALOGUE SENT ON APPLICATION.

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WORKS –PARADISE STREET, LAMBETH.

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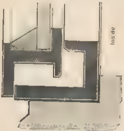


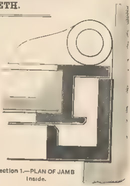
Section 1.—SILL

SECTION No. 1. FULL SIZE.

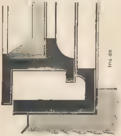
The Method of Hanging shown is the best, as it avoids the cutting away of any portion of the Casement or Frame.

SECTION No. 4. FULL SIZE

The Method of Hanging shown is the best, as it avoids the cutting away of any portion of the Casement or Frame.

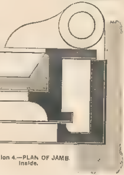


Section 1.—PLAN OF JAMB Inside.



Section 4 SILL

The preparation of the Jambs here shown is the most appropriate, but they can be prepared for fixing in Jambs of other Sections.



Section 4.—PLAN OF JAMB. Inside.

PRICES.

Hinged at side to open out. With square heads Casements 4 ft. 6 in. high and over are priced with Double Fastenings.

N.B.—Prices are determined solely by the height—widths may vary from 6 in. to 2 ft.

BEST QUALITY.

Section No. 1.

Under 2 ft. 0 in. high	35/-
2 ft. 0 in. and „ 2 ft. 6 in. „	37/-
2 ft. 6 in. „ „ 3 ft. 0 in.	39/-
3 ft. 0 in. „ „ 3 ft. 6 in. „	43/-
3 ft. 6 in. „ „ 4 ft. 0 in. „	45/-
4 ft. 0 in. „ „ 4 ft. 6 in. „	50/-
4 ft. 6 in. „ „ 5 ft. 0 in. „	55/-
5 ft. 0 in. „ „ 5 ft. 6 in. „	58/-
5 ft. 6 in. „ „ 6 ft. 0 in. „	65/-

Section No. 4.

Under 2 ft. 0 in. high	30/-
2 ft. 0 in. „ „ 2 ft. 6 in. „	32/-
2 ft. 6 in. „ „ 3 ft. 0 in. „	34/-
3 ft. 0 in. „ „ 3 ft. 6 in. „	36
3 ft. 6 in. „ „ 4 ft. 0 in. „	38/-
4 ft. 0 in. „ „ 4 ft. 6 in. „	45
4 ft. 6 in. „ „ 5 ft. 0 in. „	50/-
5 ft. 0 in. „ „ 5 ft. 6 in. „	55
5 ft. 6 in. „ „ 6 ft. 0 in. „	60

This Section is particularly well adapted for dividing into panes with a Moulded Sash Bar.

TRANSOME LIGHTS (Same Prices If fitted with Double jointed Stays, 10/- extra; Semi-Circular or Gothic Heads, 10/- each extra. Trefoil Heads, 16/6 each extra. Saddle Bars, 1/- each extra.

FOR SCHOOLS, COTTAGES, ETC., A STRONG CHEAP QUALITY CAN BE SUPPLIED FROM 20/- EACH.

A Large Variety of Sections kept in Stock, a Complete Catalogue of which can be had on application.

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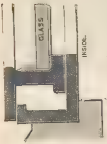


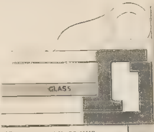
SECTION 11 SILL.

Section No. 11. Full Size.

The method of Hanging shown is the best, as it avoids the cutting away of any portion of the Casement or Frame.

PRICES.

Hinged at Side to open out, with Square Heads.



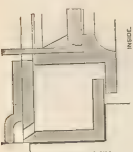
SECTION 11. PLAN OF JAMB. INSIDE.

N.B.—Prices are determined solely by the height. Width may vary from 6 inches to 2 feet.

Under 2 ft. o in. high	25/	3 ft. 6 in. and under 4 ft. o in.	29 6
2 ft. o in. and „ 2 ft. 6 in.	26	4 ft. o in. „ „ 4 ft. 6 in.	31 6
2 ft. 6 in. „ „ 3 ft. o in.	27	4 ft. 6 in. „ „ 5 ft. o in.	32/6
3 ft. o in. „ „ 3 ft. 6 in.	[illegible]		

Section No. 12. Full Size.

To open inwards.



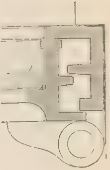
SECTION 12 SILL, which can be of various depths.

GUARANTEED WEATHER-PROOF.

The method of Hanging shown is the best, as it avoids the cutting away of any portion of the Casement or Frame.

PRICES.

Hinged at side to open in, with Square Heads.



SECT ON 12. PLAN OF JAMB INSIDE.

N.B.—Prices are determined solely by the height. Width may vary from 6 inches to 2 feet.

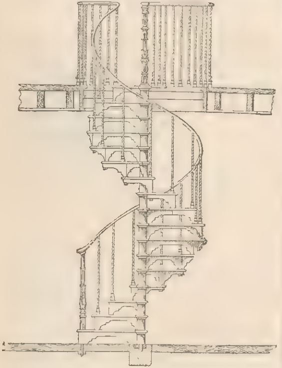
BEST QUALITY.

Under 2 ft. o in. high	38/6	3 ft. 6 in. and under 4 ft. o in.	13 6
2 ft. o in. and under 2 ft. 6 in.	39/6	4 ft o in. and under 4 ft. 6 in.	45 6
2 ft. 6 in. and under 3 ft. o in.	40/6	4 ft. 6 in. and under 5 ft o in	48
3 ft. o in. and under 3 ft 6 in.	41/6	5 ft. o in. and under 5 ft. 6 in.	52

FOR OTHER DESIGNS SEE OPPOSITE PAGE.

HAYWARD'S

IMPROVED CIRCULAR AND STRAIGHT IRON STAIRCASES.

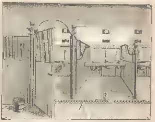


ORDERS AND INQUIRIES should state the outside diameter, and the height from floor to floor, and give a rough sketch of position of Staircase showing convenient point for first step on ground floor and top landing, and whether Hand rail is required at top round Well-hole.

STOCK SIZES

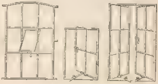
Circular.	*Straight*
3 feet 6 inch Diameter	2 feet 0 inch.
4 [illegible]	2 ,, 4 ,,
4 [illegible]	2 ,, 8 ,,
4 ,, [illegible]	3 [illegible] ,,
5 ,, 0 ,,	3 ,, 4 ,,
5 ,, 6 ,,	
6 ,, 0 ,,	

COTTAM'S
IRON STABLE FITTINGS.



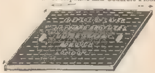
As supplied to the Queen, the Prince of Wales, &c

IRON SASHES AND CASEMENTS



AIR TIGHT INSPECTION COVERS TO DRAINS

For Stone Curbs or Asphalte and Concrete Floors.



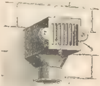
STOCK SIZES

27 × 27, 27 × 21, 21 × 21, 15 × 15 inches, outside.

FRESH AIR MICA INLET VALVES.

FOR VENTILATING DRAINS

For 3 inch, 4 inch, or 6 inch Pipes.



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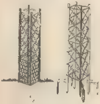
PORCUPINE TREE GUARDS.



Introduced by H. & S. The most Effective Tree Guard in use.
Prices, 9/- & 10/- each.

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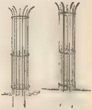

WROUGHT IRON TREE GUARDS
From 8/- each

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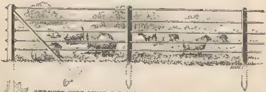

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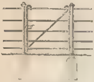

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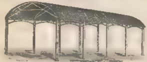

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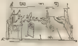

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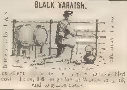

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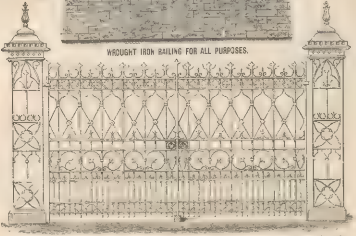

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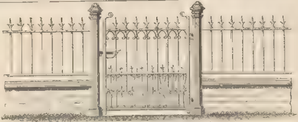

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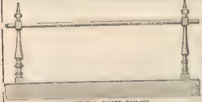

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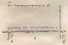

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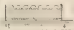

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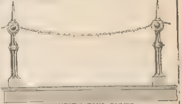

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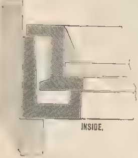

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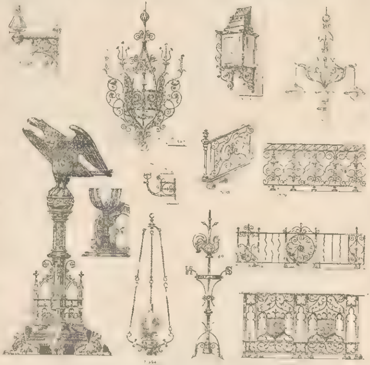

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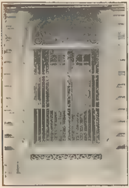

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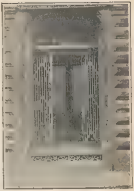

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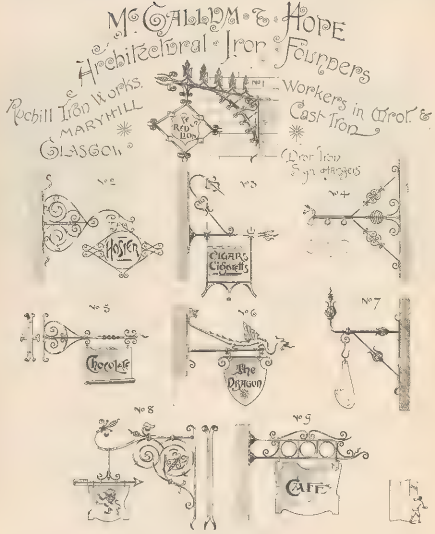

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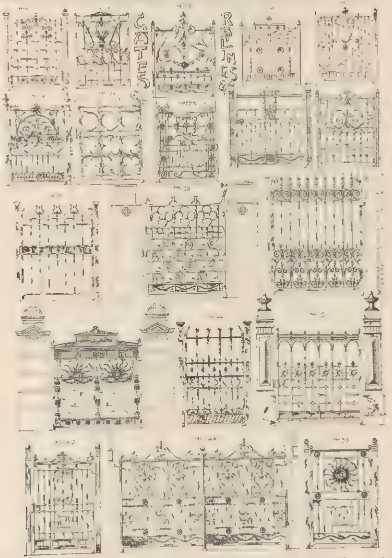

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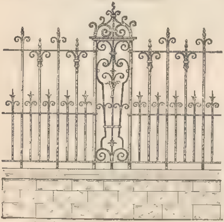

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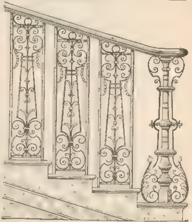

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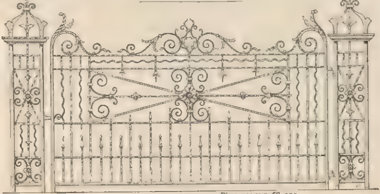

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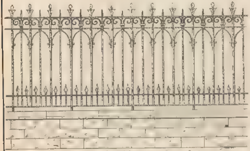

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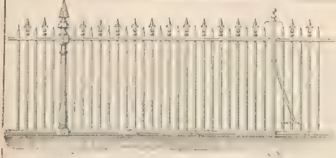

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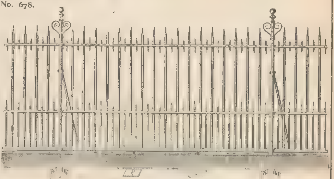

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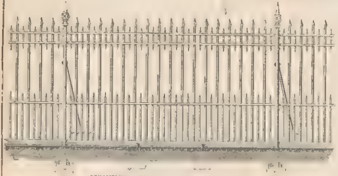

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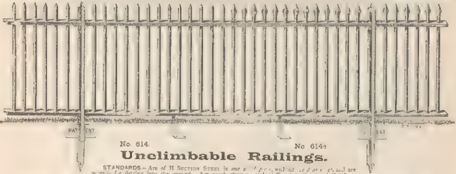

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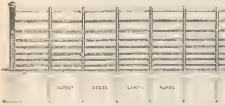

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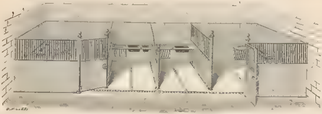

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PRICES OF TWO STALLS AND TWO LOOSE BOXES, AS SHOWN.

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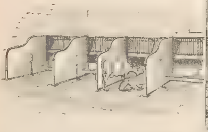
1 No. 11 Division £[illegible] 12s. 9d.; 1 1½ in. Sill for [illegible]	£3	0	4
1 No. 8 Stall Post, 22/6; 1 No. Head, 4[illegible]	1	6	7
Fitting the above	0	4	11
2 No. [illegible] Divisions for Loose Box, [illegible] high each £[illegible]; [illegible] No. [illegible] Posts for ditto [illegible] each, 2 No. 11 Heads [illegible] each; 2 Sills, 1½ in., 8/1 each; 1 Door-piece, fitted with Crooks, Hinges, and Straps, £3 15s. 10d.; Fitting Divisions, Posts, Heads, and Sills, per set, [illegible]	16	10	8
Fittings for Loose Box Reversed Hand	16	10	8
2 Flush Slip Bolts, 9/9 each, Fitting on ditto, 2/2 each	1	1	10
2 No. 10 Manger Sets, 46/3 each	4	12	6
[illegible]	2	3	6
[illegible]	2	3	6
No. 1 Stable Gutters, and [illegible]	8	9	0
	£56	**3**	**6**



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H.R.H. the Duke of Cambridge.
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Victor Emmanuel, King of Italy.
His Majesty the King of Holland.
His Highness the Viceroy of Egypt.
His Grace the Duke of Portland.
His Grace the Duke of Devonshire.
His Grace the Duke of Northumberland.
Her Grace the [illegible] Duchess of Northumberland.
His Grace the Duke of Wellington.
[illegible]
Her Grace the Duchess of Sutherland.
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His Grace the Duke of Newcastle.
[illegible]

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The Most Noble the Marquis of Waterford.
The Most Noble the Marquis of [illegible]
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The Right Hon. the Earl Spencer.
The Right Hon. the Earl of [illegible]
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The Right Hon. the Earl of Camperdown.
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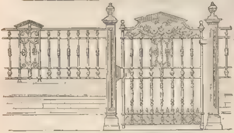

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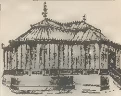
	1/9	1/11	2/4 "
40.	6×4½ ..	..	2/11 "
277.	4×2¾ ..	..	1/11 "
8.	4½×3	5×3½	5×4½ "
	2	2 6	2 7



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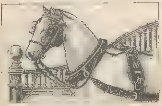

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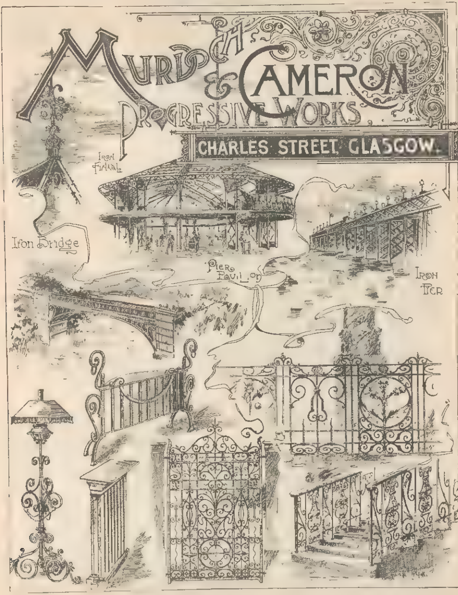
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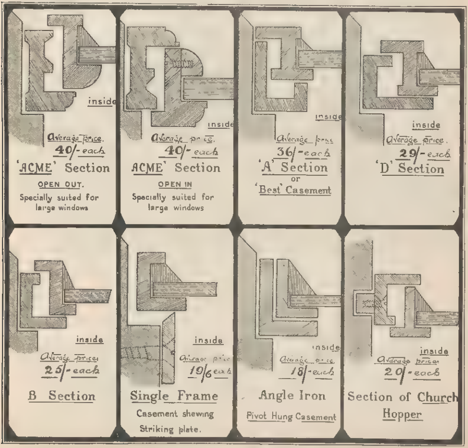

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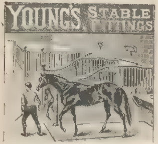

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Flats may be set out with drips 8 ft. 5 in. and 9 ft. 5 in. apart for special cases, providing a sufficient time is given for the sheets to be specially rolled and prepared; but it is not recommended, as the long sheets do not lay as well in consequence of the expansion and contraction of the metal.

The drips should be 2½ in. high, but they may be made 2 in. high (but not less) in cases where height is an important item. In Gutters the drips need only be 1½ in. high, except in wide Gutters, where it is necessary to put a roll in centre; in this case they must not be less than 2 in.

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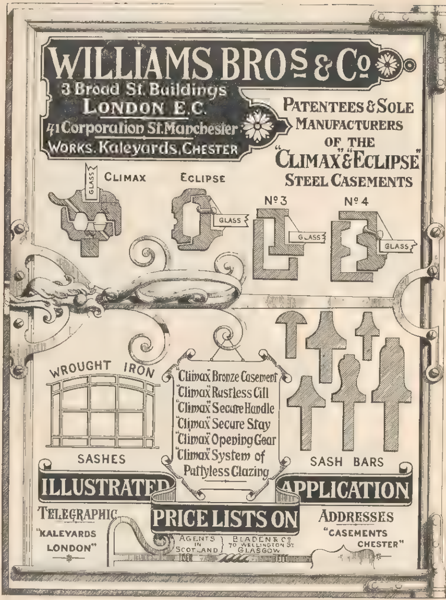
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Above 2 ft. and under 3 ft.	" "	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3 ft. and under 3 ft. 6 in.	" "	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3 ft. 6 in. and under 4 ft.	" "	4[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4 ft. and under 4 ft. 6 in.	" "	4[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4 ft. 6 in. to 5 ft.	" "	[illegible]	[illegible]	5[illegible]	45	[illegible]	[illegible]
Above 5 ft. and up to 6 ft.	" "	[illegible]	[illegible]	55	[illegible]	[illegible]	[illegible]

NOTE.—Special provision is made at Cill for escape of condensed moisture.

*The above prices include High class Fittings, which alone regulate the quality of the Casements. *Glazing Fillets extra.*

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Any height up to 3 ft. × any width up to 2 ft. .. .. .. No. 1. 35/- No. 2. 32/6 No. 3 quality, 30/- each.

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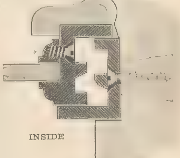

INSIDE

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2 ft. and under	2 ft. and under	39/[illegible]	[illegible]	[illegible]	[illegible]	2[illegible] each	[illegible]
Above 2 ft. and under 3 ft.		4[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3 ft. and under 3 ft. 6 in.		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3 ft. 6 in. and under 4 ft.		45	41	[illegible]	37	[illegible]	[illegible]
4 ft. and under 4 ft. 6 in.		[illegible]	[illegible]	[illegible]	45	[illegible]	[illegible]
4 ft. 6 in. to 5 ft. ..		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Above 5 ft. and up to 6 ft.		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NOTE. Special provision is made at Cill for escape of condensed moisture.

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2 ft. and under	2 and under	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Above 2 ft. and under 3 ft.	" "	33/6	31/-	29/-	19/- "	5/-
3 ft. and under 3 ft. 6 in.	" "	34/-	31/-	29/6	19/6 "	5/-
[illegible] 4 ft.	" "	39/6	33	31	21/- "	6/-
4 ft. and under 4 ft. 6 in.	" "	36/-	33/6	31/6	21/6 "	6/
4 ft. 6 in. and up to 5 ft.	" "	50/-	45/-	40/-	24/6 "	8/6

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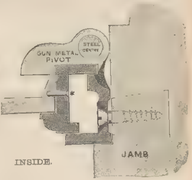
	Quality No. 1.	No. 2.
Any height up to 2 ft. × any width up to 2 ft.	25/-	23/6
Over 2 ft. and up to 3 ft. × any width up to 2 ft.	26/6	25/-



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No. 5 HUNG AT SIDE TO OPEN OUTWARDS.

Height	Width	Quality 2	Quality 4	Fixed Lights. Made of same Section as the Opening Lights.	Fixed Lights. Made of Plain Angle Iron
2 ft. and under × [illegible] and under		[illegible]	[illegible]	14	[illegible]
Above 2 ft. and under 3 ft. × do.		24	21/-	25/0	5/
3 ft. and up to 4 ft. × do.		25/6	22/6	26/6	6/

No. 8. HUNG AT SIDE TO OPEN INWARDS.

Height.	Width.	Quality 2	Quality 3	Quality 4	Fixed Lights. Made of same Section as the Opening Lights.	Fixed Lights. Made of Plain Angle Iron.
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Above [illegible]		[illegible]	[illegible]	[illegible] 6	[illegible]	[illegible]
Above 3 ft. and up to 4 ft. × do.		30/-	26/6	24/-	26/6	6/

No. 11 Section		No. 12 Sec.	No. 12a Sec.
Height.	Width.		
2 ft. and under × 2 ft. and under	17/6	00/-	15/-
Over 2 ft. and up to 3 ft. × do. (heavier)	21/6	22/-	16/6
Over 3 ft. and up to 4 ft. × do.	[illegible]		

No. 10 Section.	
Height. Width.	
2 ft. and under × 2 ft. and under	20/-
Over 2 ft. and up to 3 ft. × do.	[illegible]

No. 13 Section.		No. 13a Sec.
Height. Width.		
1 ft. 6 in. and under × 2 ft. and under	22/-	16/6
Over 1 ft. 6 in. and up to 2 ft. 6 in. × do.	23/-	18/6
[illegible] and up to 3 ft. 6 in. × do.	25-	20/-

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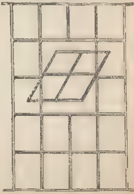

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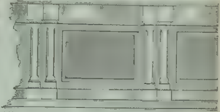

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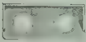

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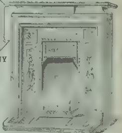

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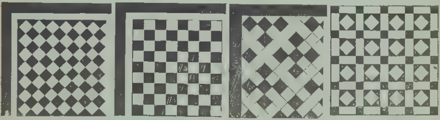

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7. Nor does it paint, or glaze, or varnish the stone.
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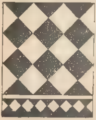

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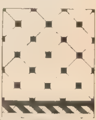

		s.	d.
No. 1.	In Black and Sicilian Squares	10	3
No. 2.	In Black and Sicilian Squares and Half Squares . . .	10	[illegible]
	Border as shown, 9 in. wide .. .	3	6
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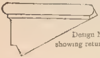

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Worked, Gritted, and returned one end	11	6	,,
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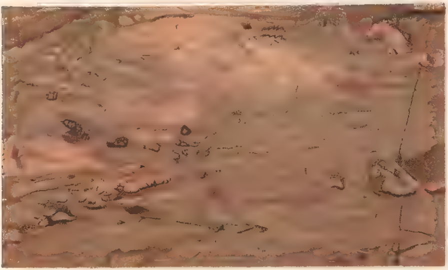
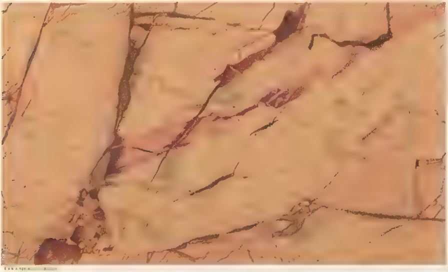


PAVONAZZA DE NUMIDIE.



JAUNE ANTIQUE.

SOLE AGENTS FOR THE U.K.—GOODDY, CRIPPS & SONS, LIMITED,
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[OVER.]

Numidian Marble.

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PAVONAZZA DE NUMIDIE,

ROSE DE NUMIDIE,

JAUNE ANTIQUE,

Coloured Plates of which are shown on the other side of this and opposite page.

The Quarries from which these Marbles are taken are situated in the northern part of Africa, and were known to, and worked by, the ancient Romans.

Pliny records that they were first brought to Rome under the consulate of M. Lepidus, B C 77, and Suetonino says that the 20-foot column raised to Cæsar in the Forum was made of this Marble. The Emperor Hadrian used these Marbles for the decoration of his villas at Tivoli and Antium, and the Columns of the Gymnasium at Smyrna and that of Athens were also of Numidian Marble. With the fall of the Roman Empire, the working of these quarries seems to have stopped, and their site became unknown, until a few years ago, an exploring party, prospecting for iron ore, accidentally stumbled on the lost quarries, and since then the demand for these Marbles on the Continent and in America, for decorative purposes, has been unparalleled.

The first official mention occurs in the report of the English Consul to his Government (Blue Book of Consular Reports of 1881,) in which he says:—

"I almost fear to say all I wish on this subject, lest I should be charged with exaggeration: but in sober truth, during the two "days I spent in examining the ground in every direction, I passed from one marvel to another, and left in amazement at the "magnitude of the treasure which had so long lain, I will not say concealed, but exposed to the most superficial glance there. "Were I a speculator, I might reasonably be distrusted, but as I am performing merely an official duty, I hope I may be credited "when I assert my belief, that, as regards quantity, beauty and variety, the world contains nothing comparable to the treasures of "Numidian Marble in this mountain." (Djebel Orousse.)

The well-known English savant, Mr. John Ruskin, to whom the same Consul presented a slab of the variety "Pavonazza de Numidie," acknowledged it as follows:—

"I cannot enough thank you for the lovely slab which arrived here the day before yesterday; I have been meditating on it ever "since. I think it is nearly the loveliest and most Instructive Marble I ever saw, and indeed, I hope to make some use of it in the "interior of our museum, of the like of it, I mean: for this must, I think, remain at Brantwood, whose little museum of the stones "I have especially studied, will, I hope, be useful after my death."

The variety of Colours is so great that a match can be found for almost any kind of wood or other material used for interior decorations, and the attention of Architects and Decorators is especially called to this fact.

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"I think the Numidian Marble, of which you have shown me some slabs, is quite magnificent, and I am sure that, if it can be "supplied at a reasonable price, it will be a great success. I used some for columns and found them exceedingly fine"

From HUGH ROMIEN GOUGH, Esq., F.R.I.B.A.

"Numidian Marble. The marvellous beauty and surprising variety of those you have shown me far surpass anything I have "met with before, and the fact they are all to be readily obtained in very large blocks, and that they are so sound in texture, renders "them of especial value."

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These Marbles have been used with effect in some of the most important buildings in the United Kingdom, amongst which are the following: British Museum, Imperial Institute, Holborn Restaurant, Victoria Hotel, Northumberland Avenue, Salisbury Hotel, Fleet Street, Messrs. Russell & Allen's, Bond Street, Sir Frederick Leighton's Gallery, London, St. Aiden's Church, Leeds, and Municipal Buildings, Glasgow, Etc., Etc.

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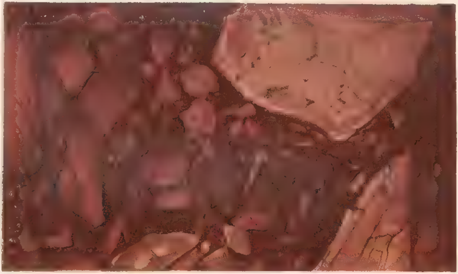

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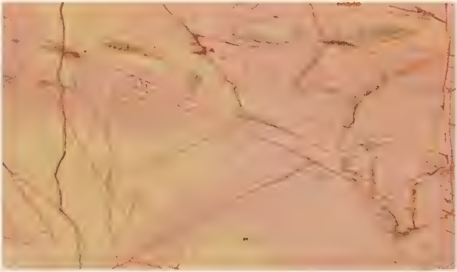

ROSE DE NUMIDIE.

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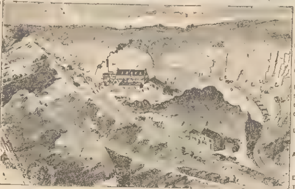

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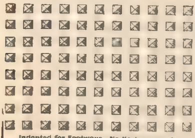

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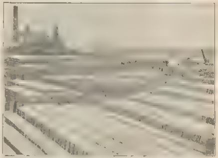

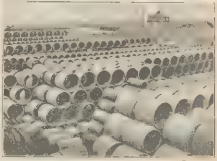

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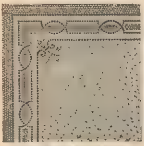

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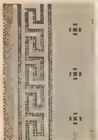

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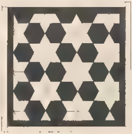

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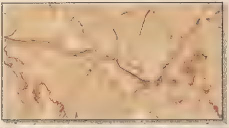

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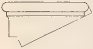

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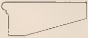

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General Architectural Masons and Carvers,

74, ROCHESTER ROW, WESTMINSTER, LONDON, S.W.

REREDOSES, ALTARS, FONTS, PULPITS,

And every description of Church Embellishment and Restorations.

COLOURED AND PLAIN MARBLES, ALABASTERS, CAEN STONE, &c., &c.

Mausoleums, Monuments, Tombs, Sculptured and Plain Tablets, in Granite, Marble, and Stone.

MEMORIAL BRASSES.

STATUES, PORTRAIT BUSTS, SCULPTURED RELIEFS, & PANELS.

Estimates for Complete Execution & Erection on application.

ESTIMATES FURNISHED FROM ARCHITECTS' SKETCH DESIGNS

JAMES WRIGHT & SONS,

ROYAL GRANITE WORKS, ABERDEEN.

London Office: 7, KING STREET, CHEAPSIDE, E.C.

QUARRIES:
RED.—Little Stirling, and Stirlinghill, Peterhead.
GREY.—Sylavethie, Alford.

GRANITES.—
Peterhead, Aberdeen, Ross of Mull, Irish, Swedish, Labradorite, and all the other Foreign Granites.

LONDON 1881

HIGHEST AWARDS.

The only occasions on which we have Exhibited

ADELAIDE 1887.

Addresses for Telegrams:
"RIGHT," ABERDEEN
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GRANITES.—
Red, Grey, Blue, Black, Green.

Among many others we have executed the following Contracts:— R[illegible] Bank of England, Law Courts Branch, London, Lamp Pedestal, Piccadilly Circus, W., Union Bank of Australia, Cornhill, E.C., British and Foreign Bible Society, Queen Victoria Street, E.C., Craven House, Northumberland Avenue, S.W., Royal Courts of Justice Chambers, Strand, W.C., Holborn Restaurant, Home and Colonial Offices, Westminster, S.W., Enclosure, Grosvenor House, Park Lane, W., Silbers, Wood Street, [illegible] Pears, New Oxford Street, W.C., Arcade, [illegible] Street, W., [illegible] Station, Cavern(?), E.C., Doorway, Warnford Court, E.C., Lambert & Butler, 147 Drury Lane, W.C., [illegible] Coffee House, Birmingham, New Liberal Club, Birmingham, J. C. Wright's Bank, Nottingham; R. L. & E. Lamb's Front, Nottingham, Devon and Cornwall Bank Company, Equitable Fire and Accident Office, Manchester, Front Balmoral Hotel, Edinburgh, Columns, &c., Church, Strabane, Columns, Cathedral, Drogheda.

Telegraphic Address—"YOUDEN, GLASGOW."

JOHN YOUDEN & Co.,

(Successors to EMLEY & SONS, Limited, at Glasgow.)

Marble & Slate Chimney-piece Manufacturers,

MERCHANTS AND IMPORTERS,

Contractors for special Marble Work in Public Buildings, Saloons & Smoking Rooms of Steamships, &c.

SOLID MARBLE BATHS (no casing required) a Speciality.

Sole Agents for Glasgow & District for the McMath Patent Washing Troughs in Marble, Slate, or Enamelled Iron.

Ceramic and Marble Mosaics. Mosaic and Encaustic Tile Floors. Embossed and Plain Glazed Tiles for Hearths, Walls, &c. Patent Ceiling Tiles. Designs and Estimates free on application.

Showrooms:—12, Bothwell Street, Glasgow.

TELEPHONE No. 8,867. Address Telegrams: "Flooring, Lots Road, Chelsea."

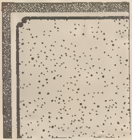
WESTMINSTER PATENT FLOORING CO.,

537K, KING'S ROAD, CHELSEA, LONDON, S.W. (ONLY ADDRESS.)

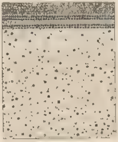
A FEW DESIGNS. COMPLETE COLOURED CATALOGUE ON APPLICATION, OR SEE "ARCHITECTS COMPENDIUM" 1893.

MOSAIC FLOORS.—Marble, Ceramic or Vitreous. Imported direct from ship's side to our Wharf. Prepared by Machinery on Premises. Laid by own staff of Italian Workmen. Send Plan and Particulars for Estimates and Sketches.

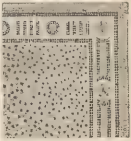
Prices in Marble.—For quantities of 25 yards in square rectangular spaces in London. Add freight and expenses for country work.



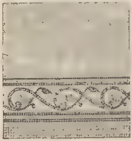
Marble Trazzo, Filling and Border, 8/6.



13. Trazzo and Roman Borders, 13/-.

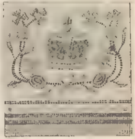


9. Roman Cube Mosaic, .



38. Roman, 26/-

42. Roman, 40/-.



28. Price on application.

See pp. 134 and 135 for Parquet and Wood Block Floor Designs.

TELEPHONE No. 8,867. Address Telegrams: "Flooring, Lots Road, Chelsea."

WESTMINSTER PATENT FLOORING CO.,

537ᴬ, KING'S ROAD, CHELSEA, LONDON, S.W. (ONLY ADDRESS.)

MARBLE PAVEMENTS (¾in. thick **LAID COMPLETE** in London for quantities of 30 yards, in Square Rectangular Spaces Send Plans for Lump-sum Estimates.

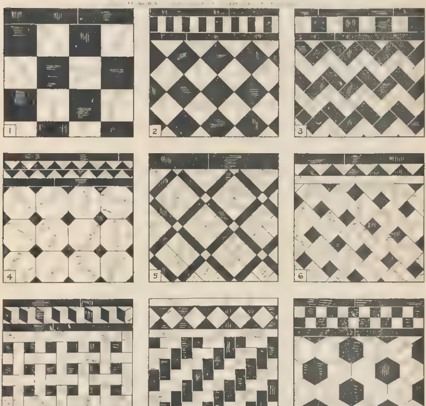
PRICES.

FILLINGS Per Yard Super (Black and White.)

	s. d.		s. d.		s. d.
1 ..	16 6	4	[illegible] 0	[illegible]	2[illegible] 0
[illegible] ..	17 0	5 ..	[illegible] 0	8	19 0
..	18 6	6	[illegible] 0	9	[illegible]

BORDERS. Per Foot Super. (Black and White.)

	s. d.		s. d.		s. d.
1 ..	1 0	4 ..	[illegible]	[illegible]	3 1
2	[illegible] 0	5	[illegible]	8	[illegible] 3
3	[illegible]	6	[illegible]	[illegible]	2 2



¾ in. equals 1 foot

Large Stock of Tiles packed in cases ready for delivery to vans at wharf. Prices on Application. Architects' special designs quoted.

NOTE. Floors of Marble Mosaic and Tiles combined are effective and novel. STEPS, CURBS, &c., made and fixed in Mosaic or any Marble.

See also pp. 134 and 135, for Wood Block and Parquet Designs

J. & H. PATTESON,

MARBLE WORKS,

36 and 38, Oxford Street, Manchester.

Telegraphic Address - "PATTESON, MANCHESTER." ESTABLISHED 1805. Telephone No. 1201.

IMPORTERS of and WORKERS in Every Variety of

BRITISH AND FOREIGN MARBLE,

ALABASTER, GRANITE and STONE.

ARCHITECTURAL WORK, Staircases, Balustrades, Columns, Reredoses, Fonts, Monuments, &c.

MARBLE WALL LININGS and PAVEMENTS at the same cost as Tiles.

CHIMNEY PIECES: the largest Stock in the Country.

ARCHITECTURAL AND ECCLESIASTICAL MODELLERS AND SCULPTORS.

Italian Marble Mosaic Pavements,

Laid by their own Staff of Italian Workmen.

MARBLE MOSAIC ADAMANT is the most Durable, Artistic, and Inexpensive Floor obtainable.

MARBLE MOSAIC ADAMANT is also made in TILES for FLOORS and WALLS, and can be fixed by ordinary workmen. They are specially adapted for Export.

PRICES, from 7s. 6d. per square yard.

MARBLE AND MOSAIC WORKS EXECUTED AT THE FOLLOWING IMPORTANT BUILDINGS:—

Royal Infirmary, Liverpool. A. WATERHOUSE, R.A.
Truro Cathedral. J. L. PEARSON, R.A.
Midland Railway Hotel, Bradford. C. TRUBSHAW.
St James' Church, Bootle. C. HADFIELD.
The Harris Institute, Preston. J. HIBBERT.
The Cathedral, Manchester. J. S. CROWTHER.
General Infirmary, Leeds. GEORGE CORSON.
Nottingham Castle. H. WALKER, C.E.
Dunstall Hall, Staffs. GRAYSON & OULD.
Craig House Asylum, Edinburgh. S. MITCHELL & WILSON.
Manchester and Liverpool District Bank. T. L. BARKER.
Lancashire and Yorkshire Bank, Manchester. HEATHCOTE and RAWLE.
The Crematorium, Manchester. SALOMONS & STEINTHALL.
The University, Edinburgh. Dr. ROWLAND ANDERSON.
The Joint Stock Bank, Leeds. AMBLER & BOWMAN.
The Yorkshire Penny Bank, Leeds. PERKIN & BULMER.
The Queen's and the Royal Hotels, Cardiff. J. P. JONES.
The Institute for the Blind, Birmingham. J. A. CHATWIN.
Art Gallery, Manchester. J. MURGATROYD.
Municipal Buildings, Sheffield. E. W. MOUNTFORD.
National Portrait Gallery. EWAN CHRISTIAN.
Royal Infirmary, Derby. HALL & YOUNG.
London and Midland Bank, Bradford. JAMES LEDINGHAM.
Manchester College, Oxford. THOS. WORTHINGTON & SON.
&c., &c., &c.

DESIGNS AND ESTIMATES FREE ON APPLICATION.

The Complete Catalogue

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J. TYLOR & SONS, Ltd.,

SANITARY & HYDRAULIC ENGINEERS,

BRASS & IRON FOUNDERS,

2, NEWGATE STREET, LONDON,

And at SYDNEY.

For SPECIALITIES see Page 566

Telegraphic Addresses:— LONDON—"SEWERAGE, LONDON." WORKS—"ALBION, WOODVILLE."

TELEPHONE No. 65205.

CHICAGO EXHIBITION. HIGHEST AWARDS.

ALBION CLAY CO., LTD.,

WOODVILLE, BURTON-ON-TRENT. LONDON—18, NEW BRIDGE STREET, E.C.

TRADE MARK.

SOLE MANUFACTURERS OF THE "GRANITIC-STONEWARE" PIPES.

All the "GRANITIC-STONEWARE" Pipes are made from "STONEWARE" Clays of which we are the SOLE PROPRIETORS. The Clays are carefully selected and blended to ensure a hard, dense, **impervious and imperishable** body, specially adapted for Sanitary purposes. The Pipes have a "**toughness**" as opposed to "**brittleness**" which is not possessed by any other Stoneware Pipes. They have been proved to withstand the highest **crushing** and **bursting** pressures under tests by **Kirkaldy**, and other authorities at home and abroad. They are made by the most improved Patent Machinery, and are highly approved for their **uniform superior quality**.

All the Pipes, &c., for Sewerage, should be of the most **reliable** material, **non-absorbent**, **incorrodible** and **imperishable** and must therefore be of the best kind of "STONEWARE." The "GRANITIC-STONEWARE" Pipes withstand **any test** and are **equal in every respect to the best "London made"** or any other Pipes manufactured from the Dorset and Devonshire Stoneware **Clays**. They are made in all sizes up to 24 inches diameter, of full **standard thickness**, and of various lengths up to 3 feet for 6 inch and upwards. They can be supplied by Truck at any station, or by van to any part of London and district at 10 per cent. less than is charged for the best quality of London-made Pipes, by the most approved makers.

"TESTED PIPES."

Tested under **Hydraulic** pressure, and stamped. The price for Tested pipes is about 25 per cent. above ordinary prices. As an additional security for the best class of work, it is advisable that the Pipes should be specially **selected and tested** at a further cost of 25 per cent. All the Pipes are stamped with the Trade Mark, "**GRANITIC-STONEWARE.**"

PATENT PARAGON PIPES
SYKES' PATENT JOINT PIPES
SYKES' PATENT SEWER GAS INTERCEPTOR
JONES & SYKES' PATENT CHANNEL BENDS

For full Description of these Specialities see "ARCHITECTS' COMPENDIUM." pp. 518, 518a, 519, 519a. For 1895

SANKEY'S PATENT DEEP INTERCEPTING GULLEY. This is provided with a specially constructed Perforated Galvanised Iron Bucket, which collects all detritus, and is easily removed without untrapping the drains.

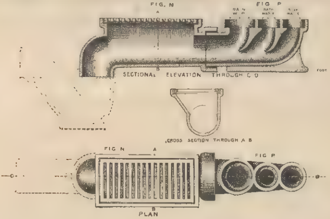
KEITH'S PATENT TRAP. This has been designed to provide a simple and convenient mode of **Testing the Drains** and for **Flushing and Disinfecting** them. It also serves as a Yard Gulley.

SYPHONS, GULLIES, INTERCEPTORS, &c., with Patent Paragon Sockets thereby avoiding any check to the flush in forcing solids through the Traps. The Inspection Arms fitted with SYKES' PATENT AIR-TIGHT SCREW STOPPERS, which cannot be blown out. (*See next Page.*)

INVERT, JUNCTION, AND GULLEY BLOCKS. STREET GULLIES TO ANY SIZE.

Telegraphic Addresses :
London—"SEWERAGE, LONDON" Works—"ALBION, WOODVILLE."
Telephone No 63205.

SYKES' PATENT DISCONNECTING SLIPPER.

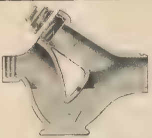


This serves as a Gulley and Slipper combined. It prevents all splashing. Any number of intakes may be fixed to suit requirements.

AWARDED THE GOLD MEDAL AT THE MANCHESTER HEALTH EXHIBITION.

SEWER GAS INTERCEPTORS.

Fitted with Sykes' Patent Air-tight Screw Stoppers.



The Inspection Arms have Sykes' Patent Screw Stoppers, which cannot be blown out, as is often the case where the Stanford Stopper is used.

FOR PRICES, &c., APPLY TO THE

ALBION CLAY COMPANY, Ltd.,

WOODVILLE, BURTON-ON-TRENT.

London Office: **18, New Bridge Street, E.C.**

London Depot: MIDLAND RAILWAY, OSSULSTON ST., EUSTON RD., N.W.

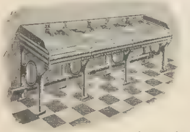
BOWES-SCOTT & WESTERN, LIMITED,

Telegraphic Address — "DONBOWES, LONDON."

BROADWAY CHAMBERS,
WESTMINSTER, LONDON.

Telephone— No. 3199.

IMPROVED SCHOOL LAVATORY.



No. 62. With heavy fire-clay slabs, skirting back and sides, concealed overflow, ½in. brass screw-down tap, careless plug, C.I. Standards with adjustable supports for waste pipe; braced back and front with angle iron. Sizes of slabs 20 in. by 18 in.: Basin 14½ in. by 12 in.

With Salt glazed slab ...	... £2 5	per basin.
„ Buff „	.. .. 2 10	„
„ White „	... 2 15	„

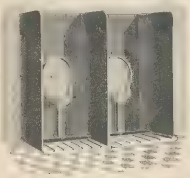
Extra for slabs 24 in. by 18 in. Size of basin 18 in. by 12 in.

Salt Glaze 4s., Buff 5s., White 6s. 6d. per basin.

Extra for 3 in. painted cast iron horizontal waste-pipe, with socket for branch pipe and brass screw cap at end for cleaning, 6s. 6d. per basin

If two screw-down taps required, 6s 6d per basin extra

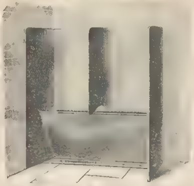
IMPROVED BASIN URINALS.



No. 41. Plain Slate Urinal, 2 ft. stalls, backs 5 ft. high, ends 2 ft. by 5 ft., divisions 1 ft. 6 in. by 5 ft., white Enamelled Lipped Basins, with down pipes, brown glazed gutter, brass pipe connections and gun-metal grid.

	£	s.	d.
For range of three or more persons per stall	4	15	0
Do., do., in Enamelled Slatework „	6	2	6
„ „ in Best Polished Sicilian Marble	8	0	0
„ „ „ „ Rouge Royal „	10	10	0
„ „ „ „ St. Anne's „	10	10	0
„ „ in Rouge Royal div., St. Anne's back	10	10	0
White enamelled gutter ... extra per stall	0	6	0
Brown glazed fluted foot plate „ „	0	12	0
White enamelled ditto „ „	1	0	0

TROUGH URINALS FOR USE IN FACTORIES, SCHOOLS, &c.



No. 42. Plain Slate Urinal, 2 ft. stalls, backs 5 ft. high, ends 5 ft. by 2 ft., divisions 3 ft. by 1 ft. 6 in., riser 2 ft. high. Cream glazed trough, capping, brown glazed guttering, &c.

	2 persons per stall.	Additional stalls.
In Plain Slate ...	4 0 0	3 0 0 each
In Enamelled Slate	6 7 0	4 17 6 „

GROSVENOR PATENT GULLIES. NEW RIVAL CLOSETS.

PRICE LIST ON APPLICATION.

BOWES-SCOTT & WESTERN, LIMITED,

Telegraphic Address "[illegible] LONDON." | BROADWAY CHAMBERS, WESTMINSTER, LONDON. | *Telephone* — No. 3199.

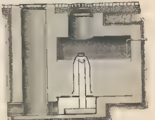
Sole Licensees and Manufacturers of
ROGERS FIELD'S

NEW "1889 PATENT" SELF-ACTING SIPHON.

HIS LATEST IMPROVED INVENTION

FOR FLUSHING.

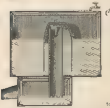
Size.	Diameter of Inlet [illegible]	This Siphon [illegible]	Price in Cast Iron. £ s. d.	Standard length of Discharge Leg. Ft. Ins.		Price extra per foot for greater Lengths, Cast Iron. £ s. d.
A	4½	[illegible] gallon	4 2 6	1 0		0 9 0
B.	6 "	9 "	5 16 0	3 6	..	0 13 0
C.	7 "	12 "	7 17 6	4 0	..	0 18 0
D.	8½ "	15 "	10 16 0	4 6	..	1 10 0
E.	10 "	18 "	16 10 0	5 0	..	1 11 0
F.	12 "	22 "	18 10 0	5 6	.	1 12 0



AUTOMATIC GALVANIZED IRON FLUSHING CISTERN.

(Fitted with Rogers Field's "1889 Patent Self-acting Siphon).

FOR HOUSE DRAINS.



		£ s. d.
To contain 200 Gallons	.. .. ..	13 10 0
" " 150 "	.. .. ..	11 0 0
" " 100 "	.. .. ..	8 0 0
" " 80 "	.. .. ..	7 10 0
" " 60 "	.. .. ..	6 10 0
" " 50 "	.. .. ..	6 0 0
" " 40 "	.. .. ..	5 12 6
" " 30 "	.. .. ..	5 2 6
" " 20 "	.. .. ..	4 10 0
" " [illegible]		2 5 0
" " 15 "		1 10 0

AUTOMATIC FLUSHING CHAMBER FOR CLEANSING TOWN SEWERS.

Prevents dangerous Deposits in Drains, and the liability to the evil effects of Sewer Gas.

Undoubtedly the most perfect and reliable yet made

Gives Greatest Velocity of Discharge with economy of water.

Certain and Regular in its action.

SIPHONS for building in Brick and Concrete Chambers may be had with TRAPPING BOXES complete, already fitted together so that they can be easily connected with the Sewers or Drains.

BOWES-SCOTT & WESTERN, LTD., are the Sole Licensees and Manufacturers of this Patent, and all enquiries should be addressed to them direct.

BOWES-SCOTT & WESTERN'S

SELF-CLEANSING TROUGH CLOSET.

[illegible] Hospitals, [illegible] Workhouses, Asylums, Workshops, &c. [illegible]

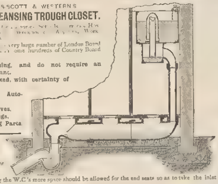
[illegible] very large number of London Board Schools [illegible] some hundreds of Country Board Schools.

Self cleansing, and do not require an Attendant.

Readily fixed, with certainty of action.

Absolutely Automatic.

No Valves, or Plugs, or Working Parts.



TROUGH URINALS

on the same principle

In arranging the W.C.'s more space should be allowed for the end seats so as to take the inlet and outlet.

PLAIN SALT GLAZED STONEWARE LATRINES.

For SEATS 2 ft. from centre to centre—
For 2 seats, £1 11 6 } For each seat beyond this number, 12/9
" 3 " £2 3 6 }

For SEATS 2 ft. 6 in. from centre to centre—
For 2 seats, £1 15 0 } For each seat beyond this number, 15/9
" 3 " £2 10 0 }

For SEATS 3 ft. from centre to centre—
For 2 seats, £1 19 0 } For each seat beyond this number, 18/-
" 3 " £2 10 6 }

ENAMELLED STONEWARE LATRINES.

For SEATS 2 ft. [illegible] centre to centre—
For 2 seats, £2 0 0 } For each extra seat 17/-
" 3 " £2 16 6 }

For SEATS 2 ft. 6 in. from centre to centre—
For 2 seats, £2 2 0 } For each extra seat 18/6
" 3 " £3 0 0 }

Prices for other sizes on application.

Plain Pine Ring Seat [illegible], 5/- each.
Cast Iron Discharge Pipe 10/- each. [illegible], 10/- each.

AUTOMATIC FLUSHING CISTERNS

for these Latrines are made with [illegible] able turn down nozzle outlets.

For prices see above.

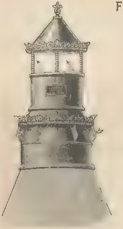
FIELD'S INTERCEPTING TRAP. IMPROVED FLUSHING GREASE TRAP.

Awarded Certificates of Merit at Liverpool Health Exhibition, 1894, for Automatic Flushing Grease Traps & Latrines.

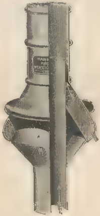
PRICE LIST ON APPLICATION.

BANNER'S PATENT EXHAUST VENTILATORS

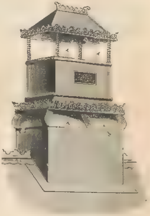
FOR PRIVATE AND PUBLIC BUILDINGS.



No. 33 C TURRET VENTILATOR.



No. 33 B SOIL PIPE VENTILATOR.



No. 33 D ROOF VENTILATOR

DIMENSIONS.	INTERNAL OUTLET.	BASE OUTSIDE	HEIGHT OVER ALL.	PRICES.	No. 33 B SOIL PIPE VENTILATOR
No. 33 C. Turret Ventilator	6 in.	[illegible]	[illegible]	£2 2 0	[illegible] Pipes
"	[illegible]	[illegible]	[illegible]	3 10 0	[illegible]
"	[illegible]	[illegible]	[illegible]	5 10 0	[illegible]
"	[illegible]	27 in.	[illegible]	10 0 0	[illegible] 13 0
No. 33 D. Roof Ventilator ..	[illegible]	[illegible]	[illegible]	2 2 0	[illegible] 15 0
" " "	10 in. × 7 in.	15 in. × 12 in.	[illegible]	3 10 0	[illegible] 25 0
	14 in. × 8 in.	20 in. × 14 in.	[illegible]	[illegible] 0	[illegible] 35 0
	20 in. × 14 in.	29 in. × 25 in.	[illegible]	10 0 0	

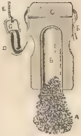
AUTOMATIC TANKS. BATHS, VARIOUS. CISTERNS VARIOUS. CLOSET APPARATUS. CLOSET FITTINGS. DRAIN PIPES. DRAIN CHANNELS. DRAIN TRAPS. DUST BINS. EARTH CLOSETS. FILTERS. LAVATORIES. MANHOLE COVERS. SINKS, VARIOUS. TRAPS, VARIOUS. URINALS. VENTILATORS.

DRAIN TESTING BY SCENT OR WATER.

BANNER'S

SELF-ACTING "RAPID" DRAIN TESTER.

No. 1. READY FOR USE.



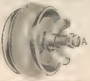
No. 2. SECTI[illegible]

- A SPECIAL CHEMICAL.
- B GLASS TUBE.
- C WOODEN CASE.
- D ELASTIC RUBBER BAND.
- E CORD HOLDER
- F PAPER ATTACHMENT.
- G BRASS COUPLING RING

DIRECTIONS FOR USE—Hold the Cord E., place the Tester in a W.C Pan; flush it into drain with a pail of hot water, when it will at once discharge, as shown in Fig. 2.

PRICE 9s. PER DOZ. SPECIAL PRICE FOR GROSS LOTS.

Improved Drain Plugs, with Gun-Metal Bolts.



For applying the WATER or SMOKE TESTS. They are EASILY ADJUSTED, LIGHT, and PORTABLE

PRICES

Plug for 3-in. Drain each	7/-	Plug for 9-in. Drain each	20/-
" 4-in. " "	8/-	" 12-in. " "	30/-
" 6-in. " "	12/-	" 15-in. " "	40/-

Send for CATALOGUE of SANITARY APPLIANCES to

BANNER SANITATION CO., 24, CRAVEN STREET, CHARING CROSS, LONDON, W.C.

L SANITARY MANUFACTURES.

For School and General Sanitary Appliances, see new Catalogue, free on application

Fig. 2. ADAMS' Patent Automatic Flushing Latrine.

Price, including latrine pan in special brown glazed ware, patent automatic flush tank, and down-pipe

Persons,	2	3	4	5	6
	£6 5 6	£8 13 0	£10 10 6	£11 18 0	£13 10 6

Ring seats—pine, 6/6, pitch pine or cypress, and varnished, 7/6 each. Latrine, as Fig. 27, 21/ each, tanks, &c., extra
For trough closet or other forms, see Catalogue

ADAMS & CO.

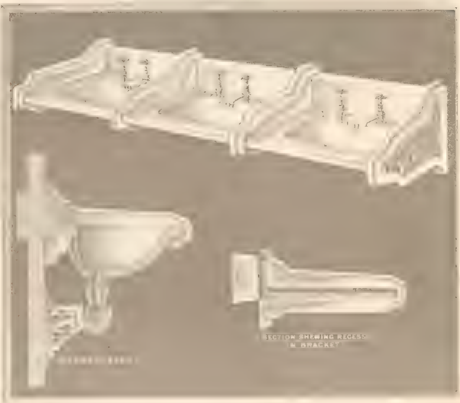
Albert Square GLASGOW—107 St. Vincent Street. LEEDS—Park Lane Sanitary Works and Aire St. YORK—Engineering Works, Peaseholme Green. BIRMINGHAM—28 and 30 Church Street. DUBLIN—1 Cope Street.

Telegraphic Address, all Branches SANIFERA.

L—SANITARY MANUFACTURES.

Fig. 81. ADAMS' Patent "Helios" Registered Lavatory Range,

On Brackets.



All in highly-glazed earthenware, with glazed ware wall brackets. For other modifications, see Catalogue
Price—In white glazed earthenware, each basin, for children, £2 17 6; larger size, £3 10 0.
If wall brackets, &c., as shewn in section, and longitudinal waste pipe, extra

ADAMS & CO. [illegible]
Albert Square. GLASGOW—107 St. Vincent Street. LEEDS—Park Lane Sanitary Works and Aire St. YORK—Engineering Works, Peaseholme Green. BIRMINGHAM—28 and 30 Church Street DUBLIN—1 Cope Street.
Telegraphic Address, all Branches SANIFERA.

L SANITARY MANUFACTURES.

Figs. 61 & 62. ADAMS' Patent "Lumina" Syphonic Closet.

Price—Glazed ware slab syphonic or wash-down closet, for seat hinged to the eyes, shewn at
"Lumina" syphonic, straw out white in, 67/6; or wash-down, the "Epic," 57/6; oak or teak seat, 25/.
" " all white, 75/; " " 65/.
" " Fig. 62 A plain, as shewn—straw and white, 57/6; all white, 65 .
See Catalogue for various special and other closets.

ADAMS & CO.
Albert Square. GLASGOW—107 St. Vincent Street. LEEDS—Park Lane Sanitary Works and Aire St. YORK—Engineering Works, Peaseholme Green. BIRMINGHAM—28 and 30 Church Street. DUBLIN—1 Cope Street.
Telegraphic Address, all Branches—SANIFERA.

L SANITARY MANUFACTURES.

Fig. 358. ADAMS' Pat. 'Helios' Reg. Glazed Ware Urinal.

Price—"Helios" urinal, as shewn, but without flush tank, back and basin in one piec
ware down pipe, and fluted tile and waste channel
Best brown glazed ware, £6 15 0; straw, £7 7 0, white, £8 8 0 per stall

-It is impossible to give here any adequate representation of the many special manu factures recently introduced. Full Catalogue will be furnished, free on application, of uitable for all classes of work

ADAMS & CO.

Albert Square. GLASGOW—107 St. Vincent Street. LEEDS—Park Lane Sanitary Works and Aire St. YORK—Engineering Works, Peaseholme Green. BIRMINGHAM 28 and 30 Church Street. DUBLIN 1 Cope Street

Telegraphic Address, all Branches SANIFERA.

BAKER'S PATENT CUP VALVE.

PRICES.
4 Inch.. 20/-.
6 „ 25/-.
9 „ 35/-.

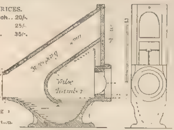


Fig. 1 Section.

The Cup Valve Intercepting Trap [illegible] Sewage & Storm [illegible] from overcharged [illegible] Sewers, and also intercepts [illegible] Sewer Gas. **The Cup Valve without Trap** [illegible] intercepts [illegible] as an effect [illegible] Drains & Sewers to be [illegible]. With the covering piece the Cup Valve can be fixed in any part of a Drain or Sewer. The Cup being a buoy [illegible] readily floats and [illegible] increase in the capacity of Drain. Penstock Clasp 1/- ex.

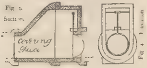


Fig. 3. Section. Fig. 4

PRICES.
4 Inch, 10/-. Covering Piece, extra, 5/-.
6 „ 15/-. „ „ „ 7/-.
9 „ 20/-. „ „ „ 10/.

MAY BE OBTAINED FROM ALL BUILDERS' MERCHANTS
Manufacturers: G. SKEY & Co., Ltd., Wilnecote, Tamworth
Inventor and Patentee: T. H. BAKER, Consultant Architect, Colchester and Clacton-on-Sea.

BOSTEL'S SANITARY APPLIANCES.

BOSTEL'S IMPROVED EXCELSIOR W.C., as illustrated, possesses all the advantages of the Wash-down and Wash-out W. C.'s, and the increased demand for it shows it is appreciated both sides of the Atlantic.

BOSTEL'S SILENT CISTERN "IS SILENT."
BOSTEL'S DRAIN FLUSHER "DOES FLUSH."
BOSTEL'S INTERCEPTING TRAP "IS BEST."

FULL PARTICULARS OF

D. T. BOSTEL & SONS,
73, Ebury Street, London, S.W.

MANY A GOOD HOUSE IS SPOILT by the absence of proper system of protection for the water pipes. **Messrs. BOSTEL & SONS' PATENT AUTOMATIC SYSTEM** will prevent trouble in the coldest weather without stopping the supply or turning off a single stop-tap, and it can be SEEN IN ACTION at above address.

T. & C. CLARK & CO., OF WOLVERHAMPTON.

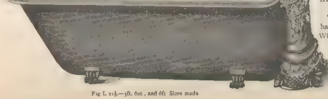


Fig. L 213.—5ft. 6in., and 6ft. Sizes made

CLARK'S
ROMAN & OTHER PATTERN
BATHS
ARE LINED WITH VITRIFIED PORCELAIN ENAMEL.

This pattern for dressing room has the rolled edge Enamelled White

Price List of Baths or General Sanitary Ware Catalogue on application

Delivered Free to any Town in England if on a Railway.

THE BOURTREEHILL COAL Co.,

FIRE-CLAY DEPARTMENT.

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"BOURTREEHILL, DREGHORN
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Telephone No. 22, Irvine

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Manufacturer of all Kinds of

FIRE CLAY GOODS

WORKS:—
Bourtreehill and Broomlands Collieries.
Bourtreehill Fire Clay Works, Dreghorn Ayrshire.
Lochhead Fire Clay Works, Dunfermline.
Warrix Colliery & Fire Clay Works

INCLUDING:

PORCELAIN ENAMELLED FIRE-CLAY BATHS.
WHITE & YELLOW ENAMELLED SINKS, WASH-TUBS, & CLOSETS.
ENAMELLED FIRE-CLAY DRINKING-WATER CISTERNS, & MILK COOLERS.
ENAMELLED BRICKS, WHITE AND COLOURED.
ENAMELLED FIRE-CLAY WATER CLOSETS.

FROM our Extensive Coal Fields, we are able to command, at all times, an abundant supply of the Special and Superior Fire-Clay, which is confined to this District of Scotland, and from which alone Enamelled Bricks, and other Enamelled Articles, can be produced, of that quality which meets all the requirements now demanded of this Class of Goods.

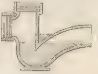
Highest Award obtained at the International Health Exhibition, London, 1884; Prize Medal, Sanitary Institute, 1886.

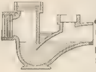
Superior Glazed Sewerage Pipes, 2in to 24 in. diameter; Strong Glazed Well-Pipes, 3 ft. diameter Water Cisterns Pickling Pots, Cattle and Pig Troughs Horse Mangers, Byre Groop Fire Bricks White Facing Bricks Gas Retorts, Flue Covers, Furnace Blocks, Chamfered Paving Bricks, Curbing Channel Tiles Compressed Flooring Tiles Wall Coping Chimney Cans (plain and ornamental), Flue Linings and Oncomings, Joist Shields, &c Garden Bordering (White Enamelled and Salt-Glazed) Ballusters, Flower Boxes, Rustic Ware, Flower Vases, Statuary, &c

ENAMELLED & SALT-GLAZED FIRE-CLAY SANITARY WARE,

FOR DRAINAGE WORKS, comprising:—
BOURTREEHILL VENTILATING DRAIN TRAP,

MILLER'S PATENT DRAIN TRAP,
COWAN'S PATENT DRAIN TRAP,
COWAN'S PATENT GREASE TRAP,
ARMSTRONG'S PATENT INSPECTION OPENINGS,
ARMSTRONG'S RAIN WATER TRAP,
ETC., ETC.


DRAIN TRAP No. 1.


DRAIN TRAP No. 2.

FULTON'S PATENT GREASE TRAP,
COMMON GREASE TRAPS,
GULLY TRAPS, SYPHONS, AND CESSPOOLS,
HART'S TRAP,
S. P. A. TRAPS,
ETC., ETC.

SPECIAL YELLOW GLAZED S AND F PIPES for House Drainage.
WHITE ENAMELLED FIRE-CLAY BACKS AND CHANNELS, for Street Urinals.
BROAD & CO.'S WHITE ENAMELLED "EXCELLO" GREASE TRAP.
BROAD & CO.'S PATENT WHITE ENAMELLED CHANNEL BENDS AND CHANNEL INTERCEPTORS for Manholes (very Complete System).

SILVER MEDAL, INTERNATIONAL HEALTH EXHIBITION, 1884; PRIZE MEDAL AND 3 CERTIFICATES OF MERIT, SANITARY INSTITUTE, 1885.
PRIZE MEDAL AND 2 CERTIFICATES OF MERIT SANITARY INSTITUTE, 1892

SHIPING PORTS—IRVINE, ARDROSSAN, TROON, GLASGOW, GREENOCK, CHARLESTOWN, KIRKCALDY, BURNTISLAND, GRANTON, AND LEITH.

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LONDON.—BROAD & Co., 2, & 4, SOUTH WHARF, PADDINGTON, W.
DUBLIN.—J. McFERRAN & Co., 4, BERESFORD PLACE
BELFAST.—C. KIRKWOOD, 101, CORPORATION STREET

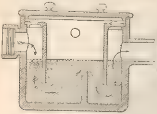
Catalogues, Price Lists, and other Information, on application to—

BOURTREEHILL COAL Co., DREGHORN, AYRSHIRE, N.B.

THE BOURTREEHILL COAL COMPANY,
DREGHORN, KILMARNOCK.

FULTON'S PATENT IMPROVED VENTILATING GREASE TRAP.

For Intercepting Grease from Kitchen Sinks or other Discharge Cisterns.

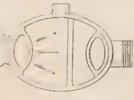


SECTION.

[illegible]	At Works [illegible] Dreghorn
in. in. in.	
20 × 14 × [illegible] inside .. at	15/- Ea.
28 × [illegible] × [illegible]	25/- "
[illegible] and outlet	

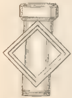
Fitted with Galvanised Cast Iron Lids and Rubber Washers

in. in. in.	
20 × 14 × 17½ inside .. at	30/- Ea.
28 × 17 × 19	45/- "



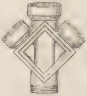
PLAN.

Armstrong's Patent Improved Inspection Openings for Drains.

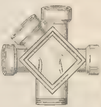


Inspection Opening on Straight Pipe. Plan on Top.

Plan of Single Branch at 45° Right.

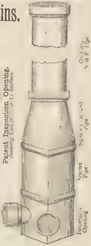


Plan on Top of Double Branch.



Plan on Top of Specimen Inspection Opening.

Patent Inspection Opening, showing Connection to Surface.

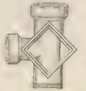


Elevation of Single Branch in position.

Plan on Top of Bend at 90° Left.

Section of Single Branch as above.

Plan on Top of Bend at 135° Right.



Plan on Top of Single Branch at 90° Left.

The Drawings of ARMSTRONG'S PATENT INSPECTION OPENINGS, shown above, are examples. We make these Patent Inspection Openings with Inlets to any angle specified.

Prices, with Socket on Top, at Works or on Rail, Dreghorn

4 inch Outlet and one Inlet .. at 4/6 Ea.	5 inch Outlet, and one Inlet .. at 5/3 Ea.	6 inch Outlet and one Inlet [illegible] Ea.
4 " " two Inlets.. " 5/6 "	5 " " two Inlets.. " 6/3 "	6 " " two Inlets [illegible]
4 " " three [illegible]	5 " " three [illegible]	6 " " three [illegible]
4 " " four [illegible]	5 " " four [illegible]	6 " " four [illegible]

Square Pipes for Inspection Shafts, with Socket { 12 in. high × 9 in. square, at [illegible] Ea. [illegible] high × 10 in. square at [illegible] Ea.
18 " " × 9 " " [illegible] 18 " 10 " [illegible]

Square to Round Pipes to connect Inspection Opening with ordinary pipes, 9 in. square to 9 in. round at 1/9 Each.
10 in. square to 9 in. round, at [illegible]

When ordering please say Size of Outlet, and Sizes and Angles of Inlets.

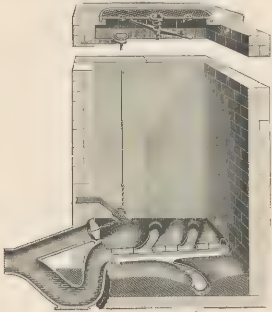
BOURTREEHILL FIRECLAY WORKS, DREGHORN, AYRSHIRE, AND LOCHHEAD FIRECLAY WORKS, DUNFERMLINE.

BROAD & CO.,

Brickmakers, Sanitary Specialists,

LIME, CEMENT, & TILE MERCHANTS.

INSPECTION CHAMBER.



Illustrating the Application of

BROAD & CO.'S LOCKING MANHOLE COVER (Fig. 2).

BROAD & CO.'S CHANNEL INTERCEPTOR (Fig. 37B.)

(As Originally Designed by the Firm.)

BROAD & CO.'S WHITE ENAMELLED CHANNEL BENDS, and

HAWTREY & REEKIE'S PATENT RELIEF VALVE.

BROAD & CO. were the first to introduce White Enamelled Ware into general use for the manufacture of Channel Bends, Interceptors, Grease and Gully Traps, &c., and, many of their designs having been imitated, Architects and Engineers should see that all Specialities purporting to be supplied by BROAD & CO. bear the Name of the Firm.

2 & 4, SOUTH WHARF, PADDINGTON, W., & FINCHLEY ROAD (L. & N. W. Ry. Station), N.W.

Brickfields and Gravel Pits WEST DRAYTON.

New Catalogue in course of compilation.

Telephone No 7048

BROAD & CO.

Telegraphic Address BROAD & Co LONDON

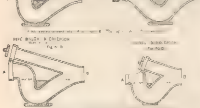
"THE MOST PERFECT INTERCEPTOR"

Broad & Co's Channel Interceptors

VERTICAL FALL INTERCEPTOR

EASY FLUSH INTERCEPTOR.

PIPE MOUTH INTERCEPTOR



These Interceptors have been designed by Messrs. Broad & Co. ... The Cap of Cleaning Arm is made with ...

PRICES OF EITHER PATTERN

Broad & Co's Channel Interceptors are Stamped "BROAD & CO."

NONE OTHERS ARE GENUINE

All Quotations are subject to alteration without notice.

Two Silver Medals Awarded International Health Exhibition 1884.

Prize Medal and Four Certificates ... Sanitary Institute of Great Britain.

Silver Medal Society of Architects 1886.

Medal and Two Certificates, Sanitary Institute 1887.

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Telephone No 7048

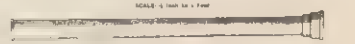
BROAD & CO.

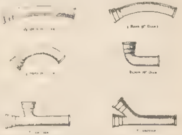
Telegraphic Address BROAD & Co LONDON

SPECIAL HEAVY

Cast-Iron Drain Pipes

COATED WITH ANGUS SMITH'S SOLUTION





It is suggested that quotations be applied for before tendering, as all prices herein quoted are subject to alteration without further notice.

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BROAD & CO.

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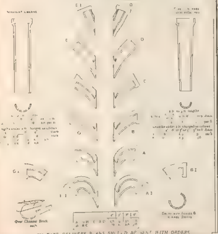
BROAD & CO'S IMPROVED PATENT CHANNEL BENDS,

Made in White Enamelled Stone Ware

SERIES B



TO FACILITATE DELIVERY PLANS SHOULD BE SENT WITH ORDERS

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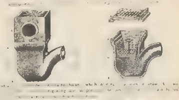
Broad & Co's Improved Stable Gully



PRICES

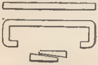
HEAVY FRAME & GRATING

CHANNEL BRICK

2 & 4 SOUTH WHARF PADDINGTON. LONDON. W.

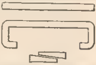
BURN BROTHERS,

Sanitary Engineers, Plumbers, Hot Water and Gas Fitters, &c.

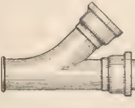


BRIDGE & WEDGE FASTENING FOR COVER.

COVER.

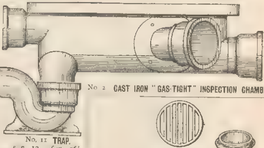


BRIDGE & WEDGE FASTENING FOR COVER.



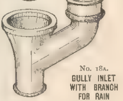
No. 23 INSPECTION BRANCH.

5 inches 11 9
6 " 16/-

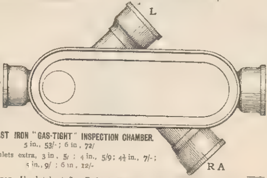


No. 11 TRAP.
5 in., 12 6 in 16/-

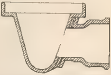
No. 2 CAST IRON "GAS-TIGHT" INSPECTION CHAMBER.



No. 18A. GULLY INLET WITH BRANCH FOR RAIN WATER PIPE.
4 in., 10/6. To Fit into No. 11 or No. 12 Traps.



No. 2. CAST IRON "GAS-TIGHT" INSPECTION CHAMBER.
5 in., 53/-; 6 in., 72/
Branch Inlets extra, 3 in., 5/; 4 in., 5/9; 4½ in., 7/-; 5 in., 9/; 6 in., 12/-



Section of No. 2 Inspection Chamber

Cast Iron Absolutely "Gas-Tight" House Drainage Work a Speciality.

A few Illustrations of our Fittings are shown above. Fully Illustrated Catalogue will be sent on Application.

PLUMBING and **SANITARY WORK UNDERTAKEN** in any part of the Kingdom or Abroad, and we Guarantee all Drainage Work Executed by us to be Absolutely "Gas tight"

FIRST CLASS MATERIALS AND WORKMANSHIP GUARANTEED.

23 & 24, CHARING CROSS, WHITEHALL, LONDON, S.W.,
ALSO AT
71, Hanover St., and 20, Thistle St., Edinburgh.

BURN BROS'. PATENT SANITARY APPLIANCES.

White Porcelain Enamelled Fireclay Sink

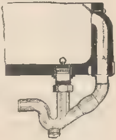
WITH PATENT "ANTI-FLOODING" OVERFLOW.

The Overflow is fitted with a strong Brass-hinged Grating, which affords easy access for cleansing the overflow right down to the bottom of the Trap.

The Overflow carries off all the water delivered by the taps.

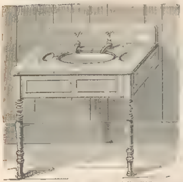
Flooding nearly impossible—an important consideration for upper floors.

These Sinks are made in the best ware, and finished with exceedingly hard and durable Enamel.



CANTILEVER BRACKETS,
For fixing Sink against Wall, made with Spur right and left

BURN BROS.' PATENT LAVATORIES.



These LAVATORIES are constructed on the same principle as the above Sink, and as every part of the waste is accessible for cleansing, they can be kept absolutely free from any objectionable smell.

They are fitted either with Plug and Chain or with arrangement to actuate the Plug by means of a lift pull.

"ECLIPSE" PATENT DRAIN-TESTER.

This is the ONLY SMOKE GENERATOR, of any description whatsoever, which supplies a positive test to Drains.

PRICES

Machine & Tube (without plug), 84/-. Deal Painted Case, 10/-.

It consists of a double-action bellows covered with specially-prepared leather, and a copper cylinder or vessel with an outer casing, which latter is filled with water. In this casing a cover or float is placed, which rises and falls with the action of the bellows. The hose must be connected to the drain or pipe to be tested, and all openings, such as ventilating pipes, plugged. A few strokes of the bellows will raise the float, and if it remains stationary the drain will prove tight; if the float falls a leak exists, and may be traced by using the smoke test.

A great advantage in using these Machines is that the operator can ascertain whether the drain is tight or not without leaving the apparatus. This apparatus is invaluable to Plumbers, Builders, Inspectors of Nuisances, Sanitary Inspectors, &c.

— IMPROVED EXPANDING PLUGS FOR DRAIN TESTING. —
Made in Seven Sets, from 3 in. to 18 in. diameter.

SANITARY ENGINEERS, &c.,

23 & 24, Charing Cross, Whitehall, London, S.W., also at 71, Hanover St. & 20, Thistle St., Edinburgh

CAMERON & ROBERTON,

Architectural, Pipe, and General Ironfounders,

SOUTH BANK IRON WORKS, KIRKINTILLOCH, NEAR GLASGOW.

Speciality—SANITARY CASTINGS.

CAST IRON DRAIN PIPES specially smooth inside, INSPECTION OR ACCESS PIPES, DISCONNECTING CHANNELS, TRAPS, &c., being the latest developments and improvements devised by the leading Sanitary Engineers to meet the requirements of Mansions, Houses, Villas, Hospitals, Asylums, and all Public Buildings.

THREE PATENT SANITARY SPECIALITIES.

"TRON" Inspection Eyes.
"WAVERLEY" TRAP.

Having Circular Opening; Giving Exceptional Facilities for Inspecting and Cleansing Drain.

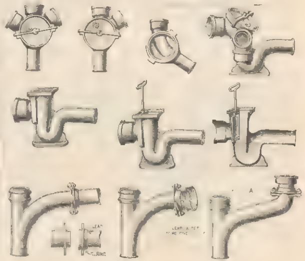
KEITH'S
WATER-TESTING, DISINFECTING & FLUSHING TRAP.

The Simplest mode of Drain Testing in the Market.

DETACHABLE SOIL PIPE CONNECTIONS,

For Jointing Iron and Lead Soil Pipes without the use of Brass Ferrules or Solder.

Full Descriptive Circulars on Application.



THE ADVANTAGES OF IRON DRAIN PIPES OVER THE ORDINARY FIRE-CLAY ONES ARE—

Strength to resist external pressure Freedom from danger by subsidence of ground Perfectly tight joints. No escape of gas through porous pipes The smoothness of the internal surfaces prevents risk of obstruction or choking There are special facilities for inspection and flushing

ALL THE SIZES OF MEDIUM AND HEAVY SOIL PIPES, AND ALL DRAIN PIPES, ARE FULL INTERNAL DIAMETER.

All our Castings may be supplied with Internal Surfaces GLASS ENAMELLED

In order to meet the wishes of Architects and Sanitary Engineers, and to prevent misunderstandings in carrying out specifications weights are given for the various sizes of pipes This affords the fullest opportunity for ascertaining that what has been specified is being used in carrying out the work

ALL DRAIN AND SOIL PIPES BEAR THE FIRM'S TRADE MARK—MONOGRAM IN STAR.

ALSO

RAIN WATER PIPES, GUTTERS AND CONNECTIONS. HOT WATER HEATING APPARATUS
H W PIPES, SOCKET AND SPIGOT AND WITH EXPANSION JOINTS FLAT PIPES. RADIATORS. COILS, &c
ORNAMENTAL GRATINGS. FLUE PIPES UP TO 10" DIAMETER GAS, WATER AND STEAM PIPES

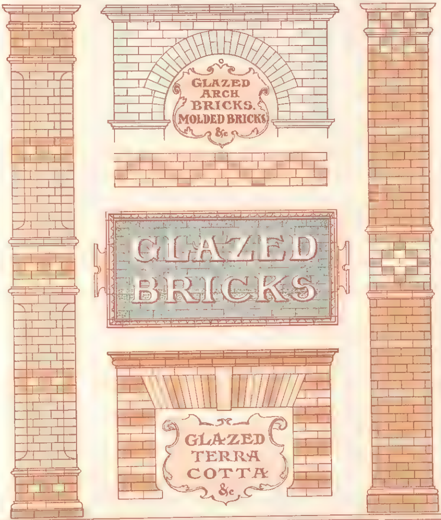
DRAWINGS WILL BE FURNISHED ON APPLICATION.

ESTABLISHED 101 YEARS.

JOSEPH CLIFF & SONS WORTLEY LEEDS

BRANCH OF THE LEEDS FIRE CLAY Co. LTD

MANUFACTURERS OF EVERY DESCRIPTION OF



LIVERPOOL 21 Leeds St | LONDON Baltic Wharf Waterloo Bridge S.E. and 2 & 4 Wharves (inside) G.N. Goods Station. Kings Cross N. | LEEDS Queen St

JOSEPH CLIFF & SONS, WORTLEY, LEEDS
BRANCH OF THE LEEDS FIRECLAY COMPY. LIMITED.

FIRECLAY WATER CLOSETS.

No 4A

The "TITAN."
(WITH SEAT EXTENSION.)

A perfect Wash-down Closet. Has an extension of back of flushing rim for attaching seat, so that no brackets or fixing to wall is required.

Price: White inside, Buff outside 35/-

No 7

The "NAUTILUS."

A Wash-down Closet of exceedingly ornamental appearance, very compact, and excellent in action.

Price: White inside, Buff outside 35/-

No 16

The "SAVOY"

All the most perfect advantages of the wash-out system are secured in this Closet, the whole bowl and outgo being cleansed at each flush

Price: White inside, Buff outside 32/6

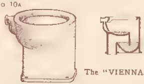
No 4A

The "TITAN."
(WITH SEAT EXTENSION.)

Shewing the seat attached to Closet by pins through the extension.

Price of Seat, in Polished Oak, with Nickel-plated hinges . ...

No 10A



The "VIENNA."

The most perfect Wash-out Closet in the market. Retains a large pool of water in bottom of basin, and flushes with ease and certainty.

Price: White inside, Buff outside 32/6

No 17

The "BELVEDERE."

This is a Wash-down Closet of the most satisfactory kind. It takes up very little room, and unites a good appearance with the most perfect action

Price: White inside, Buff outside 30/-

No. 4B

The "TITAN."
S Outlet.

Shewn as required by London County Council, so that the joint with soil pipe may be made above the floor line.

Price: White inside, Buff outside 32/6

No. 11.

BOLDING'S "KENON"

This is a most satisfactory Wash-down Closet. The design is simple and elegant, and the flushing is perfect. Large quantities in use.

Price: White inside, Buff outside 38/-

No. 17A

The "BELVEDERE."
S Outlet

This sketch shews the Closet as made to the requirements of the London County Council, with the connection to soil pipe above the floor line

Price: White inside, Buff outside 30/-

No. 4C.

The "TITAN."
Flange Outlet.

Shewn as made with flange for attaching to metal pipe for P or S outlet, which may be bent in any direction.

Price: White inside, Buff outside 32/6

No 11A

BOLDING'S "KENON."
S Outlet.

Another form of this most excellent Closet, as modified to suit the requirements of the London County Council the outgo being above floor level

Price: White inside, Buff outside 38/-

No 17B

The "BELVEDERE."
P Outlet.

Another form of this most desirable Closet, still retaining the peculiar shape of bowl and trap which are so satisfactory in the other forms

Price: White inside, Buff outside 30/-

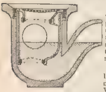
EXTRA STRONG RUBBER CONES FOR THESE CLOSETS, 1/9 EACH

LONDON: BALTIC WHARF, WATERLOO BRIDGE, S.E., AND 2 & 4 WHARVES, G.N. GOODS STATION, KING'S CROSS, N.
LIVERPOOL: 21, LEEDS STREET. LEEDS: QUEEN STREET.

☛ FLOODED BASEMENTS IMPOSSIBLE! ☚

The back-flow of Water AND SEWER-GAS prevented by using

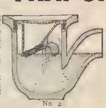
COUZENS' PATENT GULLY TRAPS.



No. 1.

These Gullies supply a long felt want as effectually preventing the back-flow of Tidal or Storm water, and the uprising of Sewer-gas. The action in each case is automatic. In No. 1, it will be observed that any back pressure of water rises the copper ball against an Indiarubber seating, thus making an effectual seal, and should the water evaporate, as is sometimes the case in dry weather, the ball lowers on to the bottom seating as shown, forming a perfect seal against Sewer-gas arising.

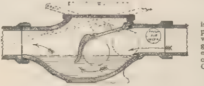
With No. 2 it will be observed that there is a door with a weighted lever, which allows the water to pass through into the Gully, and closes automatically, forming a perfect seal against back-flow of Water and arising of Sewer-gas.



No. 2.

COUZENS' PATENT BALL-TRAP INTERCEPTOR.

This Ball-trap Interceptor supplies a long-felt want, as it effectually prevents any back-flow of Tidal or Storm Water from the Main Sewers. It will be observed that the action is automatic, and any back pressure of water rises the Copper Ball against an Indiarubber Seating, thus forming an effectual seal.



An easy access to the drains is also obtained in case of stoppage, which can be readily dealt with, without opening up the ground, as drain rods can be easily applied either to the house or sewer from the Inspection Chamber, as shown.

There are hundreds of these traps now in use in Cardiff and throughout the Kingdom, and the following are a few of the Corporations and Estates to which we have supplied them, viz.:—

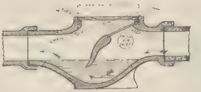
Liverpool,	Maidstone,	Birmingham,	Briton Ferry,	Walkden Worsley,
Widnes,	St. George,	Wolverhampton,	Ramsgate,	Leyton Local Board,
Dundee,	Bristol,	Hanley,	Weston-Super-Mare,	Thornhill District Council,
Aberdeen,	Droitwich,	The Vestry of St. George The Martyr,	Tyldesley,	The Duke of Norfolk,
Blackburn,	Burslem,		Folkestone,	Lord Portman,
St. Helens,	Durham,	West Ham,	Malton, Yorks,	
Newark,	Todmorden,	Abingdon,	Barmouth,	
Lymington,	Carlisle,	Beverley	Great Harwood,	

and the Great Western and Great Northern Railway Companies, also in France and Germany, &c.

We are also Makers of a PATENT BASEMENT W.C., which automatically prevents the back-flow of Sewerage during flood or tide times—a great boon where ground floor space is valuable.

COUZENS' PATENT INTERCEPTOR or INSPECTION CHAMBER.

By the use of this Interceptor an easy access to the drains is obtained, and the stoppages of drains are readily dealt with, without opening up the ground, as drain rods can be easily applied either to the house or to the sewer from the Inspection Chamber as shown.



The Iron Cover Joints are perfectly Gas and Water tight, being bedded in suitable material and secured to the Earthenware with Brass Screws, therefore being self-contained, it will be observed that in most cases brick manholes and manhole covers would not be necessary making it the cheapest and most efficient double-action Interceptor manufactured.

The Borough Engineer of Cardiff, W. HARPER, Esq., M.I.C.E., has thoroughly approved of these Traps, and no Basement should be without them.

Stocked in 3 sizes, suitable for a 4-, 6-, or 9 drain. Special and larger sizes if required.

Patented in Foreign Countries and the United States.

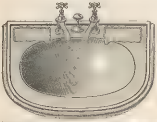
For prices and illustrations, list of Agents, &c., apply to the Patentees—

G. & F. COUZENS, Works and Offices, **14, Tudor Road, Cardiff,**

Or to the Sole Manufacturer— **HENRY DENNIS, Pipe, Brick, and Terra Cotta Manufacturer, RUABON.**

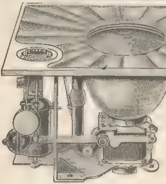
THOMAS CRAPPER & CO.'S

SPECIALITIES.



IMPROVED
LAVATORY BASIN.

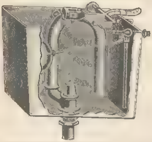
	£	s.	d.
White Ware, 26½ in. x 20½ in., fitted with combined Overflow and Waste, and ½ in. Standard Screw-down Valves	2	19	6
Plated Fittings, Extra	0	8	6



IMPROVED
ELASTIC VALVE CLOSET,

WITH WHITE CHINA TOP AND DISH IN ONE PIECE.

		£	s.	d.
No. 188. Valve Closet, with white ware flushing-rim basin, 1-in. supply valve, copper air regulator, complete as shown		£4	14	6
If with 1¼-in. valve	Extra	0	3	6
„ Ornamental Basin ...	„	0	3	6
„ White and Gold Basin...	„	0	8	9
Box Enamelled inside...	„	0	4	9
„ Box fitted with Brass Top	„	0	6	3
„ Box fitted with union to connect Ventilating Pipe	„	0	3	9
4 in. outlet . . .	„	0	7	9
If without China Top	Less	1	5	0



Water Waste Preventer.

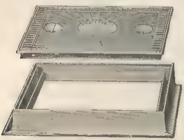
	£	s.	d.
Cast-Iron 2 Gallon Syphon Waste Preventer with Tranquil Inlet Valve, and Silencing Air Tubes, and Brass Chain and China Pull	1	0	6
Ditto, 3 gallon ditto	1	2	6

50, 52, & 54, MARLBOROUGH ROAD, CHELSEA,
LONDON, S.W.

THOMAS CRAPPER & CO.'S

IMPROVED SANITARY Air-Tight Frames and Covers,

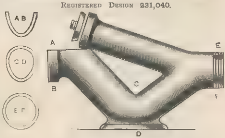
FOR DRAINS & MANHOLES.



Outside	[illegible]	[illegible]	Galvanised
36 in by 24 in...	30½ in by 18½ in ..	22 6 ..	37 6
26 „ „ 26 „ ..	21 „ „ 21 „ ..	19 6	32 6
25½ „ „ 21½ „ ..	20 „ „ 16 „ ..	14 6	23 9
20 „ „ 20 „ ..	15 „ „ 15 „ ..	10 9 ..	17 9
24 „ „ 17 „ ..	19 „ „ 12 „ ..	11 6	19 3
26½ „ „ 11½ „ ..	21 „ „ 6 „ ..	8 9	14 9
32½ „ „ 11½ „ ..	26½ „ „ 6 „ ..	12 3	20 6
30 „ „ 24 „ ..	24 „ „ 18 „ ..	17 6	29 3

"IMPROVED KENON" Disconnecting Trap.

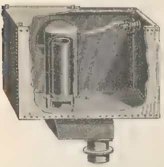
REGISTERED DESIGN 231,040.



		4-in.	6-in	9-in	12-in.
No. 3.	Of glazed stoneware	8/6	10/6	22/9	55/-
	If Traps glazed white inside, extra	3/6	4/-	7/6	—
	„ „ white inside and out, extra	7/-	8/-	15/-	—
	Improved Channel Pipe, white glazed	2/4	3/4	5/6	16/6

Improved Automatic Flush Tanks

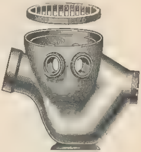
FOR DRAINS.



	£	s.	d.
10 Gallons ...	2	7	[illegible]
15 „ .	2	11	6
20 „	2	15	6
25 „ ...	2	19	0
30 „ ...	3	4	6
40 „ ...	3	12	6
50 „ ..	4	2	6
60 „ .	4	12	[illegible]
75 „	5	6	[illegible]
100 „ ..	5	19	[illegible]
150 „ ...	7	9	6

IMPROVED GREASE TRAP.

REGISTERED No. 138873.



	£	s.	d.
Glazed Stoneware with Galvanised Iron Grate	0	17	6
If with Air-tight Cover, extra	0	1	6

— CATALOGUE ON APPLICATION.

50, 52, & 54, MARLBOROUGH ROAD, CHELSEA,

LONDON, S.W.

ESTABLISHED OVER HALF A CENTURY.

Hillhead Enamelled Brick Works,
Perceton Fire-Clay Works,
Longpark Sanitary Pottery,
KILMARNOCK.

J. & M. CRAIG,

Lilliehill Fire-Clay Works,
DUNFERMLINE
Hillhead and Perceton Collieries,
KILMARNOCK.

MANUFACTURERS OF WHITE & COLOURED ENAMELLED BRICKS

WHITE ENAMELLED SINKS, WASHING TUBS, &c.,

WHITE ENAMELLED FIRE-CLAY BACKS FOR STREET URINALS, FIRE-CLAY TROUGH CLOSETS, AND WHITE ENAMELLED TROUGH URINALS.

Highly Glazed Drain Pipes and Connections, Gully Traps, Disconnecting Traps Siphons, Cesspools, Grease Traps, Jenning's Saddles, Open Channel Pipes, Yard Traps &c Cattle and Pig Troughs, Horse Mangers, Enamelled Milk Coolers, Water Cisterns, Facing Bricks Fire Bricks, Furnace Blocks Gas Retorts, Chimney Cans, Flower Vases, Statuary and every Description of Fire Clay Goods

CRAIG'S No 68 REGISTERED LAVATORY

W[illegible] No. [illegible]

PLUMBERS' SANITARY EARTHENWARE.

Lavatories, Tip-up Basins,

PLUG BASINS, URINALS, WASH-DOWN CLOSETS, &c.
GLAZED WALL TILES, WHITE, TINTED, & ENAMELLED.
THE "NYPHOS" PATENT SYPHONIC WASH-DOWN CLOSET & CISTERN.

CRAIG'S WHITE ENAMELLED FIRE-CLAY SINKS were awarded Prize Medal by the Sanitary Institute, 1884, and Silver Medal at the International Health Exhibition, 1884. Overall 24" × 16" × 10" 17 6; 27" × 18" × [illegible], 21/6 30" × 18" × 10", 23 6; 36" × 21" × 11", 35 [illegible] 42" × 24" × 12", 63 6 [illegible] other sizes and patterns.

BUCHAN'S PATENT DRAIN TRAPS.

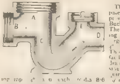
About 100,000 have been sold.

BUCHAN'S PATENT DRAIN PIPES.

BUCHAN'S PATENT ACCESS OR INSPECTION PIPES.

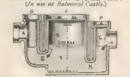
Buchan's Patent Grease Traps.

BUCHAN'S PATENT IMPROVED DRAIN TRAP No. 131



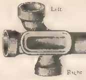
This is the latest patented and improved form of Mr Buchan's Trap. The head or opening at top is enlarged [illegible] 4" [illegible] & sizes. This gives great facility in viewing drain on house side [illegible] if required [illegible] cleansing trap 4" [illegible] each [illegible] dia 8/6 [illegible] dia 12 each. N[illegible] P[illegible] can also be had [illegible] 7, 8 10, [illegible]

BUCHAN'S PATENT GREASE TRAP.
(In use at Balmoral Castle.)



Grease Compartment [illegible] 4" × 1 ½" × 7" [illegible] 15 Large s[illegible] 25 each 6" [illegible] and outlet, 5 each extra

BUCHAN'S PATENT ACCESS OR INSPECTION PIPE
(With Two Curved Branches).



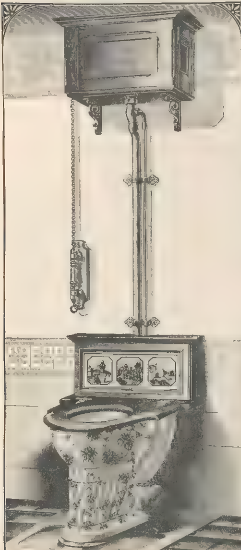
	4"	5"	6" dia.
Plain	5/6	6/6	7/6 each.
With one Branch, Angled or Curved	6/6	7/6	8/6 ,,
With two Branches	8/-	9/-	10/6 ,,
[illegible]	6 6	7 6	8 6 ,,
Do., with Branch	8/-	9/-	10/6 ,,
Including Iron Lid			

POTT'S EDINBURGH AIR-CHAMBERED SEWER TRAPS, 25/- to 45/- each, including Gratings. THE "CITADEL" GREASE TRAP, 9/-. GALVANISED WIRE GREASE LIFTER for same, 5/- each THE "S.P.A." IMPROVED GREASE BOX 12/6 each HART'S RAIN TRAP AND GALVANISED GRATING at 6 each. BURNETT S RAIN TRAP at 5 6 each CRAIG S "SILENT" FLUSH OUT CLOSET at 12 6 to 20 CRAIG S PLAIN AND ORNAMENTAL PEDESTAL CLOSETS, at 25/- to 30/-. CRAIG S "MILLION" WASH-DOWN PEDESTAL CLOSET at 22/- to 30/-.

The above are present Prices at Works, Kilmarnock. Delivered Prices are dearer Price List and Particulars on application.

GOLD, SILVER, & BRONZE MEDALS [illegible] awarded [illegible] J. & M. C[illegible] at the L[illegible] International Health Exhibition, 1884, and the Edinburgh International Exhibition 1886.
THE ONLY GOLD MEDAL AWARDED at Edinburgh for Fire-Clay Goods.

J. DIMMOCK & CO.,



"SIPHONIC" CLOSET.

(BARTHOLOMEW'S PATENT)

THE LATEST DEVELOPMENT IN WATER CLOSETS.

Large Water Area without Mechanism.

Simple Wash-Down Type.

Perfect and Silent Action.

Astounding Velocity of Discharge.

LEAD TRAP attached to Pottery with Brass Coupling for wiped Plumber's Joint.

EMBODYING ALL THE REQUIREMENTS OF THE DAY.

Testimonials sent on application, also Illustrated Detailed Catalogue of the various Sanitary Appliances J. Dimmock & Co. Manufacture, and used by Her Majesty's Office of Works, War Office London County Council, Local Boards, London Vestries, Metropolitan Asylums Boards, London School Board, and general High Class Fittings for Mansions, Schools, &c., &c.

SANITARY POTTERS,

MAKERS OF EVERY DESCRIPTION OF

SANITARY EARTHENWARE

LARGE VARIETY OF

Wash Down and Wash Out Closets, Lavatories, Urinals, &c.

Send for Price List and Catalogue.

ALBION WORKS, HANLEY, STAFF.

W. D. CLIFF, Sole Proprietor.

Telegraphic Address: "CLIFF, HANLEY."

GUEST & CHRIMES,

(*Established* 1840.)

FOUNDRY AND GENERAL BRASS WORKS,

ROTHERHAM, YORKSHIRE, ENGLAND.

Telegraphic Address—"GUEST, ROTHERHAM."

Manufacturers of every DESCRIPTION OF FITTINGS FOR WATER & GAS SUPPLY.

Patentees, Sole Licensees, and Original Manufacturers of CHRIMES' Patent High Pressure Single and Double Loose Valve Screw Down Cocks: Bib, Stop, Ball, Lavatory and Bath; Bateman & Moore's Patent Ball Hydrant or Fire Cock; Chrimes' Patent Screw Down Valve Hydrant or Fire Cock; Siemens' Patent Water Meters; GUEST & CHRIMES' Improved Sluice Cocks; GUEST & CHRIMES' Improved Gas Valves; Cathels & Terrace's Patent Four-way Disc Gas Valve; Cathels' Patent District Dry Gas Governor; Goldsmith's Patent Sight Water Line Indicating and Compensating Wet Gas Meter; Eskholme's Patent Pneumatic Regulator and Valve Closet; Bell & Chrimes' Patent Service Box Valve; Lowe's Patent Effluvia Traps; Newton's Patent Street Gully; Pearson's Patent Locking Apparatus for Bath Supply Fittings, Siemens' Patent Regenerative Gas Burners; Cowan's Patent High Power Gas Lamps, &c.

Reservoir Valves. Cloughs or Penstocks. Relief Valves. Reflux Valves. Fire Extinguishing Apparatus, such as Hand or Delivery Pipes; Jets; Jet and Spreader to distribute Water in imitation of Rain; Hose Couplings; Hose, &c. Waste Preventing Single and Double Valve Service Boxes. Improved Self-Acting and Pull Water Closets. Steam Cocks. Wet and Dry Gas Meters. Gas Chandeliers, Brackets and Fittings.

PLUMBERS' & GAS FITTERS' BRASS WORK OF EVERY DESCRIPTION.

Having exhibited at the London Exhibitions of 1851 and 1862, and obtained Prize Medals, we have not exhibited since:—

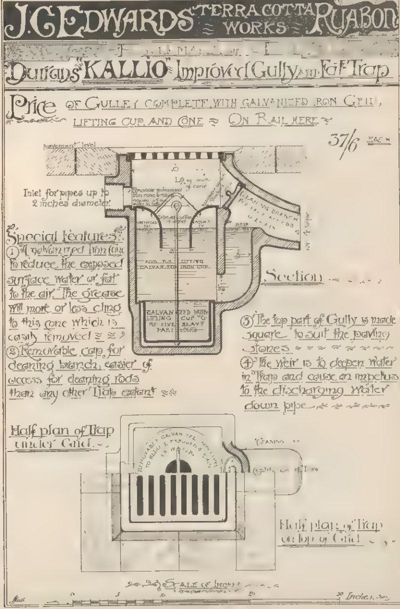
1851. Class 52A—WATER CLOSET AND FIRE COCK. 1862. Class 8—FOR WATER METER &c, SIEMENS' "Practical success of Water Meters, &c.; Originality of the whole."

1862. Class 31.—FOR WATER WORKS ARTICLES. "Progress in Fabrication of useful articles for the distribution of Water in Towns."

London House—THOMAS BEGGS & SON, 128, Southwark Street, S.E.

Agents at Hamburg—Messrs. ALFRED BARBER & CO.

Agent at Brussels—Mr. EDMOND LAMAL.


J. C. EDWARDS
TERRA COTTA WORKS
RUABON
Duran's "KALLIO" Improved Gully and Fat Trap
Price of Gulley complete with galvanized iron grid, lifting cup and cone
On Rail here
37/6 each
pavement level
Inlet for pipes up to 2 inches diameter.
Special Features
① A galvanized Iron cone to reduce the exposed surface water or fat to the air. The grease will more or less cling to this cone which is easily removed
② Removable cap for cleaning branch, easier of access for cleaning rods than any other Trap extant
Section
③ The top part of Gully is made square to suit the paving stones
④ The weir is to deepen water in Trap and cause an impetus to the discharging water down pipe
Half plan of Trap under Grid.
Half plan of Trap on top of Grid
Scale of Inches
0 5 10 20 30 Inches

J·C Edwards : Terra Cotta Works : Ruabon :

Glazed Sanitary Stoneware.

DEAN'S Patent Channel & Trap for Sink & Bath Wastes

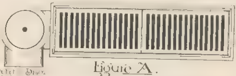


Figure A.

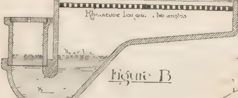


Figure B

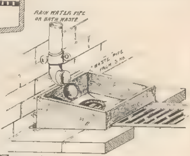


Figure E.
(Receiver No 2 in position)

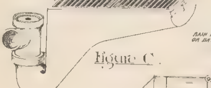


Figure C.

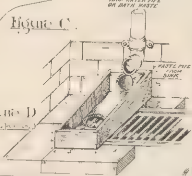


Figure D

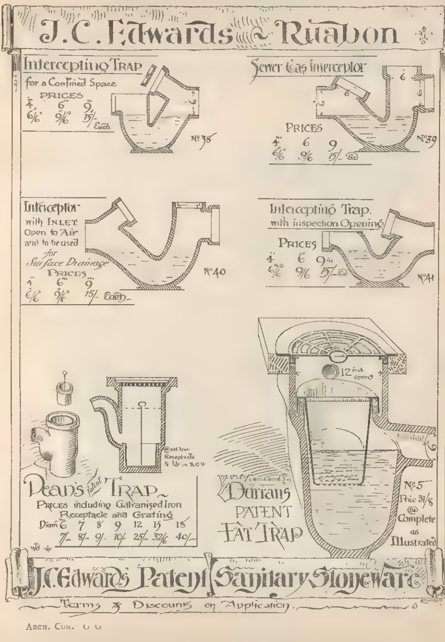
Description

Figures A B and C [illegible] Section & Perspective Sketch of Channel and Trap [illegible] [illegible] [illegible] Receiver No 1 or 2 then through an opening in same vertically on to Grid and from thence down the Channel through the Trap to drain. The portion of the grid upon which the waste [illegible] the Receiver, nothing unsightly is visible from the surface, at the same time the grid may be easily withdrawn for clearance when required. Figure D shews Receiver in position when Channel is parallel to wall and Figure E shews Receiver required when Channel is at right angles to wall.

Price of Channel, Grid and Trap with moveable outlet and with Receiver No 1 or No 2 complete.

On Rail here, 12/6 each

Scale.
12 9 6 3 0 3 6 9 12 15 18 Inches


J. C. Edwards ~ Ruabon
Intercepting Trap
for a Confined Space
PRICES
4" 6" 9"
6/6 9/6 15/- Each
No 38
Sewer Gas Interceptor
PRICES
4" 6 9
6/6 9/6 15/- Ea
No 39
Interceptor
with INLET
Open to Air
and to be used
for
Surface Drainage
PRICES
4" 6" 9"
6/6 9/6 15/- Each
No 40
Intercepting Trap.
with Inspection Opening
PRICES
4" 6 9in
6/6 9/6 15/- Ea
No 41
12 inch opening
Dean's patent TRAP
Prices including Galvanized Iron
Receptacle and Grating
Diam 6 7 8 9 12 15 18
7/- 8/- 9/- 10/- 25/- 32/6 40/-
Durran's
PATENT
FAT TRAP
No 5
Price 31/8
Ea
Complete
as
Illustrated
J.C.Edwards Patent Sanitary Stoneware
Terms & Discounts on Application.

B. FINCH & Co.,

SANITARY & HYDRAULIC ENGINEERS,

82, Belvedere Road, Lambeth, London, S.E.

FINCH'S

"SIPHONIC" CLOSET

(PATENT).

WATER RETAINED IN BASIN EQUAL TO A VALVE CLOSET.

ASTOUNDING VELOCITY OF DISCHARGE.

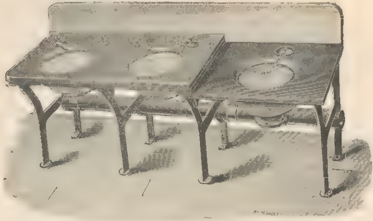
Simple Wash-down Type.

LEAD TRAP.

WRITE FOR ILLUSTRATIONS AND PRICES.

These Closets are in use in some of the most important buildings in LONDON & COUNTRY.

LAVATORIES OF EVERY DESCRIPTION IN MARBLE & SLATE.

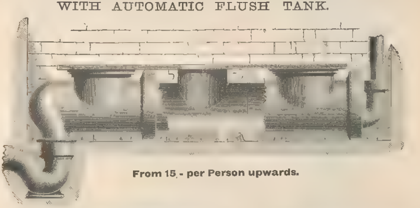


FINCH'S SCHOOL BOARD LAVATORIES,

58/- per Basin, Complete.

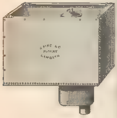
PLEASE WRITE FOR CATALOGUE.

B. FINCH & Co.'s
UNIVERSAL TROUGH CLOSET,
WITH AUTOMATIC FLUSH TANK.



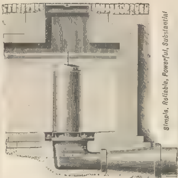
From 15/- per Person upwards.

FLUSH TANK



20 Gallons	.. ..	4 0 0
30 "	.. ..	4 10 0
40 "	.. ..	5 0 0
50 "	.. ..	5 10 0
60 "	.. ..	6 0 0
75 "	.. ..	6 10 0
80 "	.. ..	7 0 0
100 "	.. ..	7 15 0
150 "	.. ..	10 0 0
200 "	.. ..	12 0 0

These are made in 1/8-in. bottoms, and in 1/16-in. sides.



In		In		Price for Syphon.
21	Sewer requires	16	Syphon	16 5 0
18	"	12	"	13 5 0
15	"	10	"	12 0 0
12	"	8	"	8 0 0
9	"	6	"	6 0 0
6	"	4	"	4 0 0

We do not recommend a greater depth of water than 6 ft., on account of the great vibration during the discharge, or less than 12 in. Prices of Syphons over 6 ft on application.

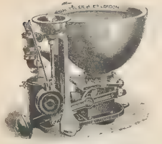
Where very low depths of water are absolutely necessary on account of existing drains, we shall be glad to give the necessary surface area of the Tank, to ensure perfect action.

FOR URINALS.

1 Gallon	.. ..	1 0 0
2 "	.. ..	1 8 0
3 "	.. ..	2 0 0
4 "	.. ..	2 10 0
5 "	.. ..	2 15 0
6 "	.. ..	3 0 0
10 "	.. ..	3 8 0

These can be made in Slate with Glass Fronts.

82, BELVEDERE ROAD. LAMBETH, S.E.



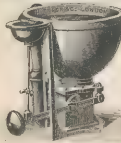
HAYWARD-TYLER & Co.,

SANITARY ENGINEERS,

90 & 92, WHITECROSS STREET, LONDON, E.C.

TELEGRAMS, "TYLEROX." TELEPHONE, 192.

40 PRIZE MEDALS.



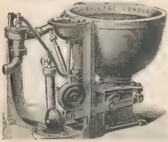
WATER CLOSETS, FLUSHING CISTERNS, &c.

HAYWARD TYLER & CO. have for many years given close attention to the Manufacture of the best classes of Water Closets, and their work has long been known for its excellence.

SEND FOR LIST A, 1892.

ELASTIC VALVE CLOSETS.

HAYWARD TYLER & Co. were the first firm to produce these at a price to compete with the objectionable Pan Closets They make them in various forms, of which the following are the principal.



THE WHITECROSS CLOSET.

Compact, handsome, and of excellent make. The outlet valve can be repaired without detaching the basin. Decorated basin and bottom valve, copper bellows, regulator, and 1 inch valve, 65/-. With 1¼ inch valve, 68/.

THE WHITECROSS CLOSET, for use with overhead cistern, 47/6

THE A. B. C. CLOSET.

Adopted in the Retiring Rooms of the London Aerated Bread Company

Large white basin, with 4 inch outlet, white earthenware bottom valve dish and pull. For use with overhead cistern, 70/-.

With brass or copper regulator and 1¼ inch valve, 95/-.

EXTRA QUALITY CLOSET.

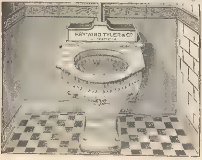
With bright fittings, extra large dish and pull For overhead cistern. White basin, 63/-, decorated basin, 65/-; gold lined, 71/-.

EXTRA QUALITY CLOSET, as above, with brass or copper regulator, and 1½ inch valve, 92/6. If with 4 inch outlet, extra 5/-.

"SPECIAL" QUALITY.

Bright dish, glass handle decorated basin. For use with flushing cistern 35/

SPECIAL QUALITY as above with regulator and 1 inch valve, 50/-.



THE "TYLEROX" WASH-DOWN CLOSET.

This is recommended as the best and cleanest Pedestal Closet in the Market. The whole weight and force of the water is used in cleansing the basin.

Blue Dragon pattern, 34/6; Ivy pattern, 37/6, White, 28/6; Cane & White, 25/-.

It is adopted largely for private houses, hospitals, &c., and gives perfect results. It is also made with Seat Action.

Telegrams
"TYLEROX LONDON."
Telephone 192

HAYWARD-TYLER & Co.,

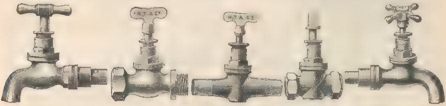
40 PRIZE MEDALS.

SANITARY & HYDRAULIC ENGINEERS,

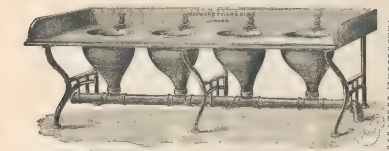
90 & 92, WHITECROSS STREET, LONDON, E.C.

COCKS

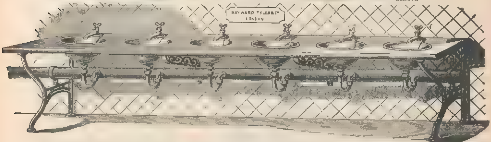
To suit the Requirements of NEW RIVER and OTHER WATER COMPANIES.



Arrangements of Lavatories for Schools, Public Buildings, &c.



Hayward Tyler and Co. have supplied these improved lavatories to various public and private buildings, such as the Central Post Office, Cardiff, the Liverpool University College, &c. They are the most convenient and ornamental arrangement, and suited for any amount of wear. The front may be cased with panelling, if desired



FITTINGS FOR TURKISH BATHS.

Hayward Tyler & Co have made this a speciality, having fitted up the Hammam Turkish Bath in Jermyn Street and many other public and private Baths, under the direction of Mr. Waterhouse R.A. and other well known Architects. In H. T. & Co.'s List A pages 69—71, will be found some of the forms of NEEDLE BATHS, DOUCHES, DOUCHE COCKS &c., made by them.

HAYWARD TYLER & CO., Hydraulic Engineers, 90 and 92, Whitecross Street, London, E.C.

J. & W. KIRKWOOD, ZINC BATH MANUFACTURERS,

236, Leith Walk, Leith, N.B.

POLISHED PLATE ZINC BATHS, Finest Finish, with Fittings Complete.

No Wood Work required. These Baths are guaranteed to stand fifty years' use. They are easily kept clean and bright The Plumbing Trade of Edinburgh and the east of Scotland are unanimous in recommending them as the Best Bath in the Market for all purposes. They have been adopted by H. M. Prison Commissioners.

THERE ARE OVER 20,000 IN USE. SEND FOR LISTS.

SIZES. (ALL INSIDE MEASURE.)

3′ 6″ × 2′ × 1′ 10″ deep	£8 15 0
5′ 9″ × 2′ × 1′ 10″ "	9 0 0
6′ × 2′ × 1′ 10″ deep	9 5 0

Subject.

J. & J. MATTHEWS,

ENGINEERS, IRON AND BRASS FOUNDERS,

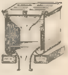
BYRON STREET, CALDEWGATE, CARLISLE,

MANUFACTURERS OF STENCH TRAPPED GULLIES,

Double Trapped Gully with Side Outlet.

which are widely known and specified by most leading Architects and Surveyors for Street Drainage and Cottage property. The Trap is a sure preventive to the issue of noxious gases from the sewer, and as certain a protection for keeping all solids from the drain

The sizes, 10″ × 7″ and 8″ diameter are entirely supplanting the old-fashioned earthenware Trap. The thousands of them that are now in use is a proof of their superiority, while the prices are not higher than earthenware.



Double Trapped Gully with End Outlet.

MANHOLE COVERS, AND OTHER SANITARY CASTINGS.

Price Lists on Application.

McDOWALL, STEVEN & Co., LTD., (LATE STEVEN BROS. & CO.,)

Telephone—No. 1759. Telegrams—"STEVEN BROS., LONDON."

ARCHITECTURAL AND SANITARY IRONFOUNDERS.

No. 14.—ROMAN BATH.

With New Registered Fittings and Earthenware Soap Trays inside, and with Overflow and Waste Pipes separate from Bath, with Round Roll on brim. No woodwork required.

5ft. 6ins. inside.

Japanned	£5 5 0
3rd Enamelled	5 15 0
2nd Enamelled	6 12 6
1st Enamelled	7 12 6
Superior Finish Enamelled	8 5 0

The above prices include Brass Fittings and China Knobs, as drawn

Electro-plated Fittings 10/- extra.

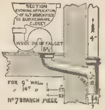
Enamelled Sienna Marble, Cream, Sea Green, or other Colours.

STEVEN BROS.' PATENT BATHS.

Complete with Fittings and Soap Tray INSIDE.

NOTE.—Our Superior Finish Sienna Marble or White Enamelled Baths are got up in a very artistic manner, and our process of Enamelling is of such a nature that the Enamel expands and contracts with the iron

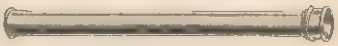
Circular Urinal



Special Connections for Closets

AND ALL KINDS OF

SANITARY APPLIANCES.



SOIL PIPE—Medium, Heavy, and LONDON COUNTY COUNCIL REGULATION WEIGHTS.

All sizes with or without ears, Plain or Coated, kept in stock.

McDOWALL, STEVEN & Co., LTD., (Late Steven Bros. & Co.) 4, UPPER THAMES STREET, LONDON, E.C.

THE LAMBETH BRASS & IRON CO., LTD.,

HYDRAULIC & GAS ENGINEERS,

Manufacturers of GUN METAL STEAM FITTINGS,
PLUMBERS' BRASS WORK, SLUICE VALVES, FIRE HYDRANTS, HIGH PRESSURE STEAM & WATER VALVES, GAS FITTINGS, &c.,
Also of WROUGHT IRON WELDED TUBES AND FITTINGS FOR STEAM, GAS, AND WATER,

SHORT STREET, LAMBETH, LONDON, S.E.,

AND THE

ALPHA TUBE WORKS, WALSALL, STAFFORDSHIRE.

Telegraphic Address: "DIAPHRAGM, LONDON"

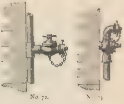
No. 25.—Stuffing Box Bib Valve.

N
Equilibrium Ball Valve

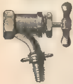
No. 252B.
Lever Action Waste Preventer Urinal Valve

No. 6. Diaphragm Bib Valve.

No. 3 No. 4
Diaphragm Stop Valves.

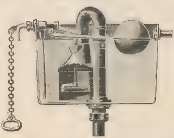


No 72. N
Brass Fire Valves



No. 7 H.
Galvanized Iron Hose Valve

No. 400.
Deep Well Pump, with Access Chambers, and Gun Metal Barrels.

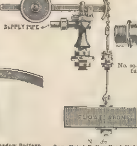


No. 295.
Improved Waste Preventer "Valveless" Cistern, with Brass Cylinder and Syphon.

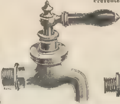
No. 166.
Patent (Under-the-Seat) Waste Preventer Closet Valve.

No. 40
Garden Hydrant.

No. 17
Self-Closing Bib Valve.



N 167
Gun Metal Boiler Feed Valve, for Steam Cooking Apparatus.



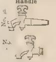
No. 29.—Gun Metal "Quarter-turn" Boiler Valve.

No. 87.—Gun Metal Boiler Valve, with Buffalo Horn Handle

N — Gun Metal Steam Valve, with Removeable Asbestos Seating, and with Vulcanite Wheel

No. 01
Equilibrium Ball Valve, Glasgow Pattern.

N
Street Hydrant.



No.
No.
Galvanised Iron Butt and Bib Cocks

ILLUSTRATED CATALOGUES ON APPLICATION.

MORRELL'S SANITARY CO., 4, St. Ann's Square, MANCHESTER.

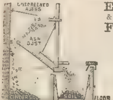
ASH SIFTING CLOSETS & EARTH CLOSETS.

Awarded the GOLD MEDAL,

International Health Exhibition, 1884 Medals and Special Certificate of Merit by the Sanitary Institute of Great Britain, &c., &c.

SANCTIONED BY THE LOCAL GOVERNMENT BYE-LAWS.

Adopted on H.R.H. the Prince of Wales' Sandringham Estate, and on the Marquis of Salisbury's Hatfield Estate, &c., &c.



Price of E & F, **65/-.** *Soil Pan,* **10/-**

E & F **Morrell's Patent Cinder Sifting Ash Closet System** is the only Automatic System which utilises the *waste Ash of the House* as a *Sanitary agent*, and is thus the only practicable method applicable for Ground floor and Outdoor use, at Dwelling Houses in Town and Country.

Fine Ash-dust has been proved to be a better deodorant than earth. It is already on the premises, whilst earth is not. (*Analysis supplied.*)

Cinder Sifter, Ash pit and Closet are [illegible] and [illegible], and Yard space economised.

House Ashes as they leave the fire-grate are put in at either side or rear, as into the ordinary Ash pit, hence no extra attention is involved in the use of this natural provision, and the neglect, unavoidable with the ordinary Earth or Ash Closet, cannot occur.

Cinders are automatically separated from the Ash, and saved for use on the kitchen or Wash-house fire, or the Conservatory Stove [illegible] refuse [illegible] a valuable [illegible] Garden.

This Apparatus is a [illegible] use [illegible] prepared earth.

For Dwelling Houses of all classes the system is unequaled.

T[illegible] Automatic Cinder Sifting Ash Closets are [illegible] at G[illegible] Cottages, giving unqualified satisfaction.

Morrell's Patent Non-Sifting Automatic Earth, Ash, or Carbon Closets are unequalled in simplicity of construction, and efficiency in action. They are supplied in complete portable form for the Bed-Room or the Sick-Room. (*See* N.)

Also in Skeleton, complete working form (C) for fixing singly, in pairs, or in rows, on Chamber floors, or on Ground floors, inside or outside.

They are recommended for use at Schools, Workhouses, Hospitals, and all public Institutions, and in all cases where a number are required for the House or Establishment.

Morrell's Patent Automatic Cinder Sifting Dust-Bin is recommended for use with these Closets, as it supplies the Ash-dust ready for use as the deodorant. Price **32/6.**

N

N *Price in Deal* [illegible] **90/.** C *in Skeleton form,* **50** *Soil Pan,* **10/-**

When the **Earth Closet** N is used inside the house, and the Ash-Sifting Closet E outside, a large Soil receptacle is recommended with the latter; so that the contents of the soil receptacle of the indoor Closet can be daily emptied, by lifting the hinged seat into the soil receptacle of the outdoor Closet, and the latter emptied at intervals of one, two, or three months, according to its capacity and use, and thus only one removal from the premises is requisite.

Cleanliness and Freedom from dust are ensured by an Automatic fall-flap which is a most valuable feature.

Each apparatus is supplied in Complete Working Form, with Seat and Fall-flap, and is rebated for adding match boarding, and for fitting within walls, so that the cost of fixing should not exceed a few shillings. Instructions are stencilled on each apparatus.

The Soil Receptacle may be the existing pit, a cemented Vault, a Tank on wheels, or a Soil Pan. Soil may be removed at either side, or at the rear or front.

TESTIMONIALS.

AUTOMATIC ASH SIFTING CLOSETS.

Recommended especially for Outdoor Use at Dwelling Houses of all classes.

From Mr. R. S. PALLISER, Otley.

"They are invaluable." (E *and* F *Apparatus.*)

From Mr. [illegible] *Surveyor,* [illegible]

"Nothing can be more satisfactory than the closets at work in my district, everything being so clean and tidy, and without the least smell." (E *Apparatus.*)

From Dr. EYTON JONES, [illegible]

"Your Morrell's Patent Cinder-Sifting Ash Closet, which was placed in my yard about twelve months ago, has given me great satisfaction. It is not only a thorough deodoriser, but a wonderful saver of fuel. My privy, which I contemplated converting into a w.c. in consequence of the unpleasant odour, has, by means of your Sanitary Appliance, instead, been thoroughly freed from the nuisance, and no unpleasant smell can now be perceived [illegible] of the ash [illegible] efficacy, due, I presume, to the large proportion of alumina which it contains." (E *Apparatus.*)

From Mr. SHOWELL, Colwyn Bay.

"The closet answers very well, and we have no smell from it, although it is in a back-room immediately communicating with the house." (E *Apparatus.*)

From Mr. J. G. TROTTER, Gloucester Road, Ross.

"I beg to express my unqualified approval of the ash-closet supplied to me, and consider that if they were in more general use very beneficial sanitary results would arise therefrom. In addition to getting rid of an unsightly ash heap, the trouble involved is reduced to a minimum, much less labour being necessary than when earth closets are used. The thorough deodorisation of the excreta by the fine ash dust renders it a valuable manure for the garden, while the freedom from waste, in the utilisation of cinders, and the absence of unpleasant smells, [illegible] satisfactory." (E *Apparatus.*)

"The Woodlands, Doncaster.

"Sir, I beg to thank you for your favour of the 28th inst. I have the [illegible] confidence that the apparatus with which you have [illegible] supplied [illegible] as those I had of your Company about ten years ago, and which have been regularly used by cottagers' families during the intervening period without a single complaint or a farthing's expense. I consider it is due to your Company to make this declaration, and to authorise you to make any use you may please of it. (E *and* F *Apparatus.*)

"Yours faithfully,

"THOMAS WALKER."

From Mr. [illegible] *CKHAM, Borough Surveyor, Ipswich.*

"Yours is the [illegible] of its kind and in my opinion stands beyond any other in its usefulness." (E *and* F *Apparatus.*)

Mr. Buckham made a professional tour of inspection of all systems.

From Mr. E. R. TURNER, Mem.Inst.C.E., Ipswich.

"I shall be obliged by particulars of your latest examples of Morrell's Cinder Closets. I have two of them from you [illegible] years since, which have been in use ever since, giving great satisfaction." (E *Apparatus.*)

"Esher, Surrey.

"Sirs,—I have the pleasure to enclose cheque for your account, and to inform you that the apparatus you sent me has been fixed after the plan you kindly forwarded, and gives great satisfaction. (E *Apparatus.*)

"Yours faithfully,

"JOHN B. FRY, M.D."

NON-SIFTING EARTH AND ASH CLOSETS

See Recommendation under N and C above.

From Mr. ARTHUR COODE, Tre[illegible]arthian, St. Austell.

"I am very [illegible] with the closet (N) you sent me last year.

ANSWER TO AN ENQUIRY FROM AN ARCHITECT.

"[illegible]chester [illegible] near Durham.

"DEAR SIR,—In answer to your [illegible] form you that the [illegible] Messrs. M[illegible] & Co.'s [illegible] Closets at their work[illegible] so well [illegible] The [illegible] also [illegible] pleased with them. I may add [illegible] Messrs. Mo[illegible] & Co.'s C[illegible] S[illegible] for Work[illegible] [illegible] closets [illegible] ash, which answers [illegible]. I have every confidence in recommending both closets and sifters for any establishment, both large and small. (C *Apparatus.*)

"Yours faithfully,

"W. BROTHERHOOD, Master of Workhouse."

"Stourbridge.

"Sir, I enclose cheque for account herewith. I am perfectly satisfied with the apparatus, and shall certainly recommend it. (C *Apparatus.*)

"Yours faithfully,

"G. W. RICHARDS, M.D.

"Cardiff.

"DEAR SIRS,—I enclose cheque for Closet (N), and I have to say it answers well. I hope to erect a larger one when I make some alterations shortly.

"Yours faithfully,

"J. HARMANS."

ARCHITECTS *are respectfully requested when they specify the use of* MORRELL'S PATENT SYSTEM *to give our Address, and to intimate the same to us, that we may see that the particular apparatus specified is supplied.*

Sheets of Drawings, Prices, and further information, with recommendations as to application, sent free by the Sole Makers:—

MORRELL'S SANITARY CO., 4, ST. ANN'S SQUARE, MANCHESTER.

GEORGE JENNINGS | SANITARY ENGINEER | LONDON · S.E.

JENNING'S PATENT "CLOSET OF THE CENTURY" with Syphonic Discharge

Combining the simplicity of the Ordinary "Flush Down" Cottage Basin and Trap with the advantages of a Valve Closet.

Supplied in Strong Fireclay from £5 7 6, or in Enamelled Iron white or decorated earthenware according to detail – with quick filling cistern of simple construction or Anti-percussive regulating supply Valve, Seat down service pipe and Trap complete.

JENNING'S PATENT "DEEP SEAL" Flush Down Closet with 2½" Seal

Supplied in Strong Fireclay from £4. 7. 6 or White or decorated Earthenware according to detail, with flushing cistern, seat down service pipe & trap complete.

As adopted by the London & Provincial School Boards etc.

GEORGE JENNINGS | SANITARY ENGINEER | LONDON · S.E.

JENNINGS IMPROVED "MIDLAND" Wash down WC Apparatus

In strong white glazed Fireclay with hinged seat, syphon Flushing Cistern, down Service pipe, complete from £4.15.0

Suitable for Warehouses Schools Hospitals etc where the fittings are subject to rough treatment

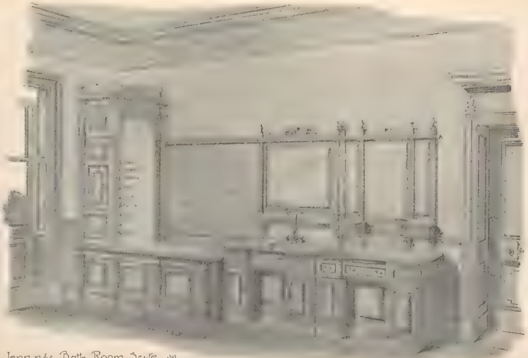
JENNINGS "ERA" VALVE W.C.

With improved Shaped Basin regulating supply Valve from £4.4.0 Special white earthenware Slop tops for above £1.5.0

JENNINGS NEW COMBINATION CLOSET & URINAL (Patented)

Architects will readily recognise numerous positions for which this apparatus is peculiarly suitable Complete with Seat Flushing cistern etc from £5.7.6

GEORGE JENNINGS · SANITARY ENGINEER · LONDON · S.E.



Jennings Bath Room Suite

Complete with Spray Bath, Lavatory & Dressing Table

Estimates furnished in accordance with details of work

GEORGE JENNINGS | SANITARY ENGINEER | LONDON·S.E·

Jennings Combined Plunge and Spray Bath

Supplied with Cast Iron Plunge Bath, Zinc Hood, enamelled inside approved color, with Walnut or Mahogany woodwork & brass mounted valves as shewn from £35.0.0.

Roman Pattern Bath

In enamelled cast iron with non-removeable plug & washer hot & cold combined supply from £8. 18. 6 If fitted with hand spray as shewn 15/6 extra

Strong Copper Bath,

with enclosure, "pull up" hot, cold & waste valves, complete from £21.0.0.

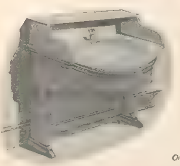
GEORGE JENNINGS | SANITARY ENGINEER | LONDON·S·E·

JENNINGS PATENT LAVATORIES

With latest improved Tip up & Lift out Basins

Prices on Application

CIRCULAR FRONTED LAVATORY

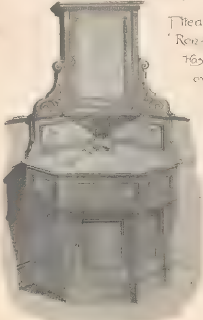


With improved Patent Tip up & Lift out Basin, Marble top skirting & shelf, Plated cold supply tap, polished mahogany stand. Price from £14.14.0

If fitted with Patent Shampooing Apparatus, the additional cost would be from 35/-

GEORGE JENNINGS | SANITARY ENGINEER | LONDON · S.E.

JENNINGS "CABINET" LAVATORY



Fitted with Improved "Ren-form" basin, quick waste, in vein or coloured Marble etc

Prices from £16.0.0 according to detail & quality selected

JENNINGS "1890" Patent Improved CABINET LAVATORY

Rectangular or Angular

Supplied in white earthenware from £3.12.6 or in decorated ware Prices on application

Complete as shewn with Mahogany or [illegible] enclosure tiled skirting etc. Price from £.0.0.0

GEORGE JENNINGS | SANITARY ENGINEER | LONDON·S.E·

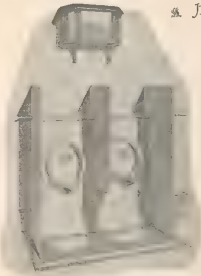


Fig 1

Jennings "Club Pattern" Urinals

Complete as shewn (Fig 1)
In plain slate · £9.0.0 per person
In enamelled slate £10.15.0
In colored Marble £12 15.0
~Flushing cistern extra according to size & quality..

Jennings "Radial" Urinals.
(Figs 2 & 3)

With white glazed back in plain or enamelled slate or in colored Marble, complete with flushing Cistern, also supplied all in White or Brown glazed porcelain. Prices according to selection.

Fig 2

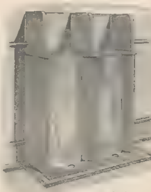


Fig 3

GEORGE JENNINGS | SANITARY ENGINEER | LONDON·S.E.

JENNINGS IMPROVED PATTERN DRAW OFF & SLOP SINK

In white glazed fireclay with painted flushing cistern plain slate drainers, capping etc. for 30 recess, hot & cold cocks, flexible tube etc as shewn Price £8.12.6.

Enamelled slate capping and galvanized cistern £2 15.0 extra

JENNINGS IMPROVED "RENIFORM" LAVATORY.

In strong white glazed porcelain - suitable for Asylums, Hospitals etc. and generally to withstand rough usage from £4.10.0

JOHNSON BROTHERS,

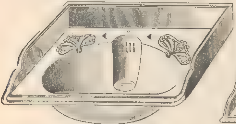
TRENT POTTERY, HANLEY, ENGLAND.

New York Office: 15, WARREN STREET. | Telegraphic Address: "STAR, HANLEY." | London Office: 15, BARTLETT'S BUILDINGS.

SOLE MANUFACTURERS OF THE UNEQUALLED (REGISTERED)

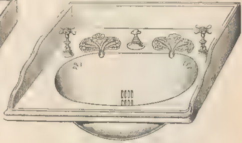
New Royal Semi-Porcelain Sanitary Earthenware, and New Enamelled Cane Ware.

NEW REGISTERED LAVATORIES, WITH D SHAPED BOWL, AND IMPROVED SOAP TRAYS.



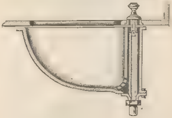
No. 83. OBLONG, WITH BACK & SIDES. 6 SIZES.
18"×18" 22"×16" 25"×18"
20"×16" 23"×17" 27"×19"

REGISTERED "PERFECT" COMBINED LAVATORIES, WITH TAPS & IMPROVED STANDING WASTE AND OVERFLOW.



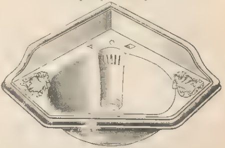
No. 121. 3 SIZES.
22"×18" 27"×20" 30"×22"

No. 106. OVAL LAVATORY, WITH STANDING WASTE



SECTION OF WASTE AND COMBINED OVERFLOW, AS ON NOS. 121 AND 106 LAVATORIES. TWO SIZES.
19½"×15½" 16"×13½"

The first consideration in connection with Sanitary Goods is the quality. None but the best should be used, and the fact that we have, at the present time, Five Large Factories entirely devoted to the Manufacturing of the Finest Earthenware, proves that the public have wakened up to realize this fact.



No. 87. ANGULAR, WITH BACK & SIDES. 2 SIZES.
27"×20" 30"×22"

Johnson Brothers, Trent Pottery, Hanley, England.

JOHNSON BROTHERS,

TRENT POTTERY, HANLEY, ENGLAND.

New York Office: 15, WARREN STREET. | Telegraphic Address: "STAR, HANLEY." | London Office: 15, BARTLETT'S BUILDINGS.

New Registered Royal Semi-Porcelain Sanitary Earthenware.

LATEST DEVELOPMENTS IN SANITARY SCIENCE.

PATENT No. 8,110.
No. 360. LATESTAS, EMBOSSED AND SIDES. C. C. PATTERN.

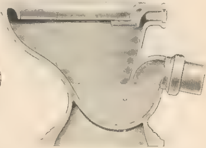
Photos of the Patent Latestas Closet free upon application.

The Loose Sides allow of the inspection of Trap with a minimum of trouble, and without in any way disturbing the Joint or injuring the Closet

REGISTERED TRADE MARK.

184-943.

No. 363A. ENDURAS CLOSET, WITH P TRAP, AND PATENT METAL WIPED JOINT, C. C. PATTERN.



This Patent Joint has come to stay! Notwithstanding the fact that it is absolutely the best yet produced, it is only about half the price of any other.

No. 351. PURITAS WASH-DOWN CLOSET, CENTRE S TRAP.

These Closets are also made County Council Pattern.

No. 372. EMBOSSED INVICTAS CLOSET, CENTRE S TRAP.
REGISTERED No. 185,248.

The above Closets, with the "Œneas," "Household," "Swift," &c., ARE MADE IN EVERY VARIETY OF TRAP, to meet the requirements of County Councils, and other Authorities, and can be supplied in White or Ivory Ware, Printed and Natural Colour Decorations under the Glaze, or in New Enamelled Cane and White Sanitary Earthenware.

CATALOGUES & MINIATURES SHOWING QUALITY & DECORATIONS FURNISHED FREE UPON RECEIPT OF APPROVED TRADE CARD.

Johnson Brothers, Trent Pottery, Hanley, England.

JOHNSON BROTHERS,

TRENT POTTERY, HANLEY, ENGLAND.

New York Office: 15, WARREN STREET. Telegraphic Address: "STAR, HANLEY." London Office: 15, BARTLETT'S BUILDINGS.

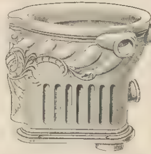
SOLE MANUFACTURERS OF THE UNEQUALLED (REGISTERED)
NEW ROYAL SEMI-PORCELAIN SANITARY EARTHENWARE And NEW ENAMELLED CANE WARE.

SPECIALITIES.

No. 322. PATENT PAN & SYPHONIC TRAP.
PATENT No. 8382.

This combination consists of a Specially Constructed Trap, which acts in a marvellous manner by means of a syphonic action set up when the flushing takes place, by which the basin and trap are thoroughly cleansed, and the drain also effectually flushed.

No. 381. PATENT PERFECTAS ODORLESS VENTILATED CLOSET.
WASH-OUT CLOSET PATENTED MAY 16th, 1893.



This Closet is perfectly odorless, having the basin ventilated as well as the trap. When fixed in position, the basin ventilator draws off all foul air from the room, and keeps it sweet and pure even when the Closet is being used. It is more especially suitable for ladies. It is supplied in a variety of designs, and there is an enormous demand for it.

Don't overlook our Patent Joint for Connecting Outlet of Closet to Soil Pipe.

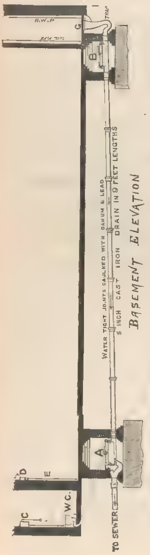
The essential requisites of Sanitary Earthenware are its durability, anti-porosity, and resistance to chemical action, and the numerous tests made by the leading Sanitary Scientists, both here and abroad, prove the superiority of our ware in these respects, so much so that in addition to the ware being in enormous demand all over the world, it has been in numerous shapes) extensively adapted by the most important chemical manufacturers, and now takes the place of both glass and platinum, being far more durable, and possessing advantages not possible in glass and other similar articles, besides being considerably less in cost.

ALSO MANUFACTURERS OF EVERY VARIETY OF
CLOSETS, LAVATORIES, BASINS, FOUNTAINS, URINALS, CLOSET PANS, BIDETS, PEDESTAL & ORDINARY (With or Without Fittings).
IN FACT, SANITARY ARTICLES OF EVERY DESCRIPTION TO MEET THE REQUIREMENTS OF BOTH HOME & FOREIGN MARKETS.

Catalogues & Miniatures showing quality & Decorations Furnished Free upon receipt of approved Trade Card.

Johnson Brothers, Trent Pottery, Hanley, England.

THE NORTH BRITISH PLUMBING CO., LIMITED.



Registered Telegraphic Address— "DUCTILITY, LONDON."

THE SCOTT-MONCRIEFF SYSTEM OF CAST-IRON DOMESTIC DRAINAGE.

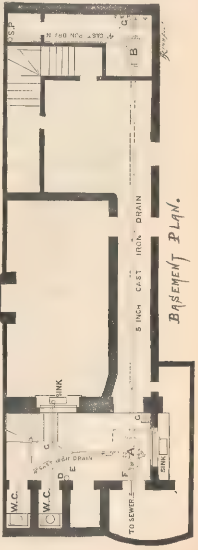
A B ... cast iron inspection chambers and gas-tight lever-locked covers.
C ...
D ...
E ...
F ... sewer

FOR DETAILS SEE CATALOGUE FREE ON APPLICATION.

PLAN OF BASEMENT

Showing the System as applied to an ordinary London House.

Lead soil pipe, joined to iron pipe by brass caulking Sleeve Piece.



THE NORTH BRITISH PLUMBING Co.,

LIMITED,

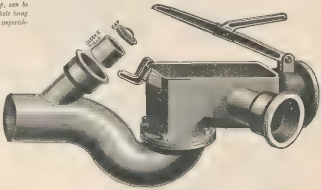
86, NEWMAN STREET, OXFORD ST., W.

PATENTEES AND SOLE MANUFACTURERS OF THE
SCOTT-MONCRIEFF SYSTEM OF CAST IRON DOMESTIC DRAINAGE.

Patent Gas-tight Cast Iron Intercepting Chamber.

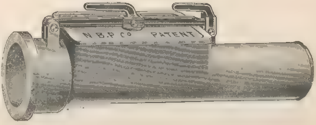
This Apparatus, with or without trap, can be made with any number of branches; the whole being rendered gas-tight by a cast iron cover, with imperishable joint and cam-action lever.

These Cast Iron Inspection Chambers have been adopted by H. M. Office of Works, the Post Office, &c., and supplied to Kensington and St. James's Palaces, the Royal Courts of Justice the Police Courts, Principal Clubs of London, and other Public Buildings, also to Private Mansions and Houses in Town and Country.



Patent Cast Iron Inspection Chamber.

Four Branch Inlets (two on each side) or fewer can be attached to this pattern as required. This form of chamber is suited to every description of drainage.

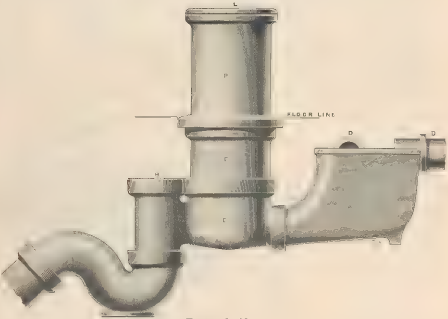


PRICE FROM £3.

OATES & GREEN, Limited,

HALIFAX.

PATENT "SKROY" WASTE WATER CLOSET.



Description.

The whole apparatus, with the exception of the gun metal bearings and the Buffer, is made from our Highly Glazed "Nalethric" Stoneware.

A. Tipper Box with Metal Bearings and Buffer C. B. Three Gallon Tipper. E². Basin with Dished Bottom, and Combined Access Pipe H. F. Two Rising Pans, one 10 in. long, and one 21 in. long. G. Special Syphon Trap.

Points.

Solid flush of extraordinary power. Every part accessible. Occupies little room.

Prices on Rails at Halifax.

Complete Closet, including parts lettered A B C E F and G, **£1 10s.** Full Particulars on application.

Weight per Closet.

A B C E F and G ... ... complete, about 3½ cwts.

Note.

Each Closet is tested before leaving the Works and is guaranteed in efficient working order.

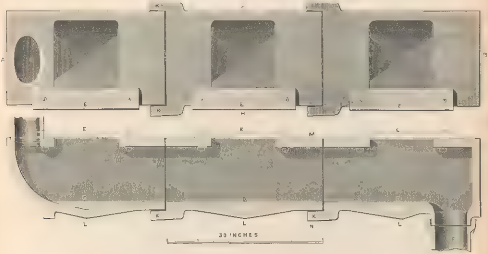
Catalogue.

Complete Catalogue, with Drawings and Particulars of other arrangements, may be had on application.

OATES & GREEN, Limited,

HALIFAX.

PATENT AUTOMATIC BOX LATRINE.



PATENT AUTOMATIC BOX LATRINE.

DESCRIPTION.

Made from highly-glazed Nalethric Stoneware, in lengths as required. It combines perfect flush with great cleanliness, and is not thrown out of work if not set absolutely level, as the basins are independent of each other.

A. Inlet Piece. B. Outlet Piece. C. Inlet for Flush from Tank or Tipper. D. Basin for water in each Trough. E. Wood Seat painted or varnished. F. Outlet to Trap. G. H. Middle or Lengthening Pieces.

POINTS.

Cheaply fixed, being self-contained. Cheaply worked, only small flush required. Every part accessible for cleaning. **Not** necessary to fix dead level.

PRICES, FREE ON RAILS, HALIFAX.

For 2 Seats	... £1 10 0	For 5 Seats	... £3 15 0	For 8 Seats	.. £6 0 0
„ 3 „	... £2 5 0	„ 6 „	... £4 10 0	„ 9 „	... £6 15 0
„ 4 „	... £3 0 0	„ 7 „	... £5 5 0	„ 10 „	... £7 10 0

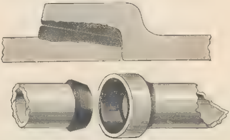
Complete Catalogue of Waste Water Closets and Latrines, giving full particulars and prices of various arrangements, may be had on application.

OATES & GREEN, LTD., HALIFAX.

Stanford's

Patent

Joint.



We have effected considerable improvements in Stanford Jointed Pipes in the direction of increased hardness and greater smoothness in the surface of the composition, by this means producing a truer joint and greatly reducing the risk of damage in transit.

The following are some of the advantages we claim for our Improved Joint:—

The Joint, being accurately cast from steel dies, when fixed becomes absolutely gas and water-tight.

It can be laid under water.

It is not affected by a settlement of the ground.

It is fitted to selected earthenware pipes or to our special NALETHRIC stoneware pipes as required.

NOTE.—For preventing escape of sewer gas, this joint is applied to other goods, that is, to stoppers for channel syphons, to discs for pipes and junctions, to junction blocks, to lids for grease traps, &c., &c.

PRICES.—33⅓ per cent. extra on cost of Pipes.

"NALETHRIC" STONEWARE PIPES.

The increasing demand for the highest excellence in sanitary matters has led us to experiment in the direction of increased vitrifaction, without loss of glaze; guided by chemical analysis we have discovered a mixture of clays which produces a **highly vitrified body** with a **perfectly smooth glaze,** a result which we believe has never been attained before. Most of the clays for producing these pipes being found upon our property, these special "**NALETHRIC**" pipes can be supplied at a small extra cost over ordinary pipes.

During the visit of the Association of Municipal Engineers to our works, last June, several 12-inch "**NALETHRIC**" stoneware pipes were tested to a pressure of **185** lbs. on the square inch (the limit of pressure obtainable with our machine) without causing flaw or fracture, and without showing the slightest tendency to sweat. This result needs no comment.

Architects and Surveyors who are desirous of obtaining absolutely the best possible sanitary tube, will be cheerfully supplied with samples for comparison and test.

Prices 33⅓ per cent. over ordinary quality pipes.

"NALETHRIC" TESTED PIPES.

In order to comply with specifications which require drains to be tested under a head of water, we have put down a hydraulic plant for testing each pipe, and can supply them in large or small quantities at short notice. Each of these specially tested pipes is marked :—

"NALETHRIC,"
TESTED,
HALIFAX.

The price of these specially selected and tested "Nalethric" pipes is as follows:

4 in.	6 in.	9 in.	12 in.	15 in.	18 in. diameter.
1/6	2/3	3/6	5/6	9/-	12/- per yard.

We can supply all sizes of pipes either in 3ft. or in 3 ft. 6 in. lengths.

SHANKS & Co.

TUBAL WORKS, BARRHEAD, near GLASGOW.

Patentees & Manufacturers of
BATHS, LAVATORIES, WATER CLOSETS,
URINALS, SINKS,
Sanitary Appliances & Fittings of every description

SHANKS' PATENT "MODERN" LAVATORIES AND IRON STANDS.

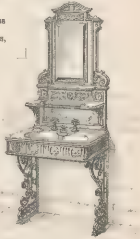
Sanitary Progress in Baths, Lavatories, and Water Closets.

Patent Open Waste.

Absence of Fouling Surface.

Large Discharge Valve.

Rapidly Emptied.



Shanks' Patent No. 351 "Modern" Lavatory, in Fine Earthenware, with Hot, Cold, and Waste Fittings, Cast-iron Japanned Frieze and Brackets, and Cast iron Tile Back Japanned to match, Best Finish, ... £5 19 0

Shanks' Patent No. 351 "Modern" Lavatory, in Fine Earthenware, with Hot, Cold, and Waste Fittings, Cast-iron Japanned Frieze and Standards, and Cast iron Mirror Back Japanned to match, ... £7 14 0

RANGE OF SHANKS' PATENT "MODERN" LAVATORIES.

Shanks' Patent "Modern" Lavatories, with Hot, Cold, and Waste Fittings, Polished Sicilian Marble Slab and Skirting, Cast-iron Japanned Frieze and Brackets, and Polished Brass Trap and Down Pipe.

Price per Basin, for Range of two and upwards, £7 8 6

SHANKS & CO., TUBAL WORKS, BARRHEAD, near GLASGOW.

SHANKS' NEW PATENT (1892) "MODERN" CAST-IRON BATHS.

No. 152.—"FIN DE SIECLE" BATH

Absence of Fouling Surface.

Large Overflow Flushed with clean water.

Broad Rolled Edge.

Best Enamel and Artistic Finish.

Quickly Filled.

Quickly Emptied.

Large Waste Valve.

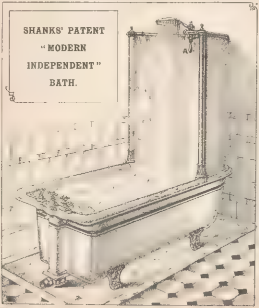
Perfect Full-Way Traps.

Splendid Drain Flusher.

Large Supply Taps.

	Style of Inside Finish: 1st Quality Metallic Enamelled.	Porcelain Enamelled.
No. 152.—"Fin de Siecle" Cast-iron Taper-Sided Bath, with Broad Rolled Edge, Superior Decoration and Finish Outside, Large Supply Cocks, Full-Way Trap Glass Enamelled Inside, 2½" diameter, Brass Fittings Nickel Plated, and all finished in best style, complete, ...	£8 12 6	£10 10 0

If above Parallel-Sided, 10/ extra.



No. 154.—This is designed to provide an Independent Bath, with Spray and Shower, at moderate price. Instead of Perforated Tubes at close intervals of space the entire height of the Screen, a *single* Brass Tube, perforated in three rows, is fixed at top of Screen, giving a very satisfactory Bath. The ends of this Tube are bent round in front to direct jets on front of person bathing. The Shower is also tubular in construction, and is controlled by means of valve A. The Waste is on the Patent "Modern" Principle, and the Supply Fittings are the well-known Patent "Eureka" Fittings.

Price, complete, Metallic Enamelled Inside and Decorated Outside, ... £18 0 0

Also supplied without the Shower, No. 155, 15 10 0

SHANKS & CO., TUBAL WORKS, BARRHEAD, near GLASGOW.

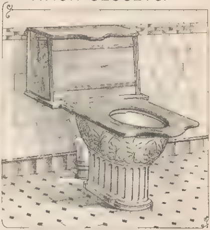
No. 171T.—Cast-iron Plunge Bath, with Rolled Edge at Front and both Ends, and Flanged at Back to fit close against wall, with Patent Quick Discharge Recessed Waste, Glass Enamelled Trap, and Overflow cast on, with Soap Dish complete, Plate Zinc Spray, on "Modern Independent" Principle, with "Eureka" Fittings for Hot and Cold to Plunge and Spray, with Wastepull and Grating, Japanned Sienna Marble Inside, and Plain Finished Outside, ... £9 0 0

No. 172T.—Cast-iron Tenement Bath, with Rolled Edge and Flanged, as described above, with ⅝" Hot and Cold Screw-down Taps, with Quick Discharge Recessed Waste, Glass Enamelled Trap and Overflow cast on, with Soap Dish complete, Japanned Inside, and Plain Finished Outside, ... £3 10 0

A Specially Cheap Bath for Tenements or Cottages.

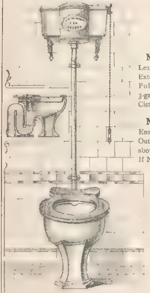
SHANKS' PATENT COMBINATION CLOSETS.

No. 10.—"Combination" Wash-down Closet, in strong Enamelled Fireclay, White inside and outside, with Single Valve Cast-iron Cistern, Mahogany or Walnut Polished Casing, and Hinged Seat, ... Price £5 0 0
If with Glass-Enamelled Cistern, ... „ 5 4 6
Extra for Shanks' New Porcelain Soldered Joint, 0 8 0



No. 10A—"Combination" Wash-down Closet, White inside and outside, with Raised Ornament, Single Valve Cast-iron Cistern, Mahogany Casing and Seat, ... Price £5 3 6
If with Glass-Enamelled Cistern, ... „ 5 7 0
Extra for Shanks' New Porcelain Soldered Joint, 0 8 0

SHANKS & CO., TUBAL WORKS, BARRHEAD, near GLASGOW.



SHANKS' PATENT "BARRHEAD" SYPHONIC CLOSET.

No. 1. In Fine Earthenware, with Lead Trap, Patent "Perfecto" Seat Extension, Polished Mahogany Seat, Polished Brass Down-Pipe, and 3-gallon Glass-Enamelled "Levern" Cistern, ... £5 15 0

No. 2.—In Strong Fireclay, White Enamelled Inside, and Buff Glazed Outside, with Fittings exactly as above, ... £5 0 0
If No. 2 White Enamelled Outside, £5 5 6

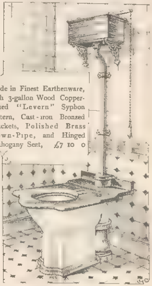
Large Surface of Water.

Great Depth of Seal.

Perfect Flushing.

Rapid Discharge.

SHANKS' PATENT "LEVERN" SYPHONIC CLOSET.

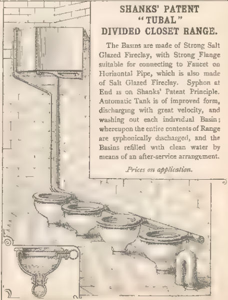


Made in Finest Earthenware, with 3-gallon Wood Copper-Lined "Levern" Syphon Cistern, Cast-iron Bronzed Brackets, Polished Brass Down-Pipe, and Hinged Mahogany Seat, £7 10 0

SHANKS' PATENT "LANCASTER" SELF-ACTING ASYLUM CLOSET.

Approved by Highest Authorities for Asylums.

Made in specially Strong Fireclay for Asylums, White Enamelled Inside, and Buff Glazed Outside, with Cast-iron Syphon Cistern, Glass Enamelled Inside, with Teak-Wood Seat, and Self-acting arrangement. Cistern and Fittings encased in Galvanized Sheet-iron, . £6 8 6



SHANKS' PATENT "TUBAL" DIVIDED CLOSET RANGE.

The Basins are made of Strong Salt Glazed Fireclay, with Strong Flange suitable for connecting to Faucet on Horizontal Pipe, which is also made of Salt Glazed Fireclay. Syphon at End is on Shanks' Patent Principle. Automatic Tank is of improved form, discharging with great velocity, and washing out each individual Basin; whereupon the entire contents of Range are syphonically discharged, and the Basins refilled with clean water by means of an after-service arrangement.

Prices on application.

CHARLES W. OUTRAM & CO., EXCELSIOR SANITARY POTTERIES WOODVILLE, NEAR BURTON-ON-TRENT,

Manufacturers of WASH DOWN & WASH OUT PEDESTAL CLOSETS Plain Embossed & Decorated):
also HOPPERS & COTTAGE BASINS AND TRAPS, CABINET STANDS, URINALS, PLUG BASINS, AND ALL KINDS OF SANITARY EARTHENWARE IN CANE & WHITE WHITE IVORY OR PRINTED COLOURS.

ALL GOODS OF SUPERIOR QUALITY AND FINISH.

NEW WASHDOWN PEDESTAL CLOSET, "THE IDEAL,

PRICES— Cane and White, Plain :: 17/6 each; White or Ivory, Embossed Front :: 19/6; 20/-; Printed :: 23/6; 22/6

TRAP ... and THROUGH ...

Made ... LONDON COUNTY COUNCIL ...

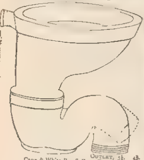
Cheap! Effective!! Clean!!!

THE "DULCE" WASHDOWN PEDESTAL CLOSET. No. 214.

PRICES— Cane and White 12/-; White or Ivory 14/6; ,, ... In and Out 17/6

STRAIGHT BACK CLOSET & TRAP IN 2 PIECES.

(S or P Trap No. 21.



No. 142. Same Pattern, but Outlet 4½in.

PRICES. Cane & White Pan & Cane Trap 4/6 4/2; White Pan and White Trap 6/6 6/2; Printed Inside, 1/- extra. OUTLET, 3½. 4½.

TRENT SANITARY CLOSET

No. 35

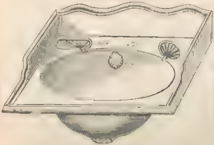
PRICES. Cane & White 15 ... Ivory, 18; White ... 21

FLAT WALL BEDFORD,

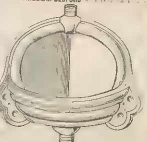
No 75.

PRICES White 11/6 9/6 8/-; Lipped 16/- 13/- 11/-

OBLONG LAVATORY

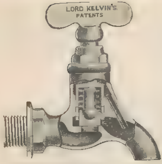


No. 74. ANGULAR BEDFORD



PRICES: White 11/6 9/6 8/-; Lipped 16/- 13/- 11/-

Send for Illustrated Catalogue and Price List, showing different Patterns and Sizes made.



LORD KELVIN'S
(SIR WILLIAM THOMSON'S) PATENT INDESTRUCTIBLE WATER TAPS.

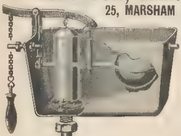
THESE Taps have been opened and closed under water pressure for the equivalent of more than 50 years (30 times a day) without any deterioration. The ordinary rubber, fibre, or leather washer valve, and the packing or washer round the spindle, are entirely dispensed with. Perfect water tightness is nevertheless attained.

By the invention of this Water Tap, LORD KELVIN, D.C.L., LL.D., the author of many other useful inventions, has effected what previous inventors have unsuccessfully attempted. By an ingenious device the valve and its seat retain their burnished condition for an indefinite period. The Taps are made of the best metal throughout, and are equally suitable for boiling and cold water, are tested to 400lbs. per square inch, and are sold at a lower price than equal qualities of ordinary forms by all Plumbers and Ironmongers, and by the

PALATINE ENGINEERING COMPANY, LTD.,
10 BLACKSTOCK STREET, LIVERPOOL, Sole Licensees.

Descriptive Pamphlets and Prices on application.

A. ROBINSON, MANUFACTURING SANITARY ENGINEER,
25, MARSHAM STREET, WESTMINSTER, S.W.



Valve Closets, Wash-Down W.C.'s, Water Waste Preventers, Automatic Flushing Cisterns, Mica Flap Air Inlets, Iron Manhole Covers and Frames, Step Iron for Manholes, Intercepting Sewer Traps, and every description of Plumber's Brass Work, Pumps, Steam Cocks, Bath Fittings, and Patent High Pressure Valves.

AS USED IN THE LONDON & OTHER BOARD SCHOOLS.

A. ROBINSON begs respectfully to introduce to the notice of Architects, Builders, and others interested in the sanitary arrangements of Buildings, his

IMPROVED SYPHON WATER-WASTE PREVENTER.

The advantages of this Syphon Water Waste Preventer are simplicity & certain action.

The Action as follows.—By pulling the lever the syphon is raised, the water flows through a ¾in. valve, connected with discharge pipe; immediately the lever is released the water continues to run through the syphon till the cistern is empty, insuring an efficient flush each time, whether the lever is held or not.

SANKEY'S PATENT DEEP INTERCEPTING GULLY
Effectually Prevents Drains Blocking and Sewer Gas Escaping.

SANKEY'S Patent Gully.

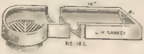
SECTION

Square Stoneware Kerb.

Iron Grating and Frame.

Special Channel

Improved Channel and Kerb.



DIMENSIONS. / PRICES.

Stock Sizes	Approx. Size Across Grid	Depth	Outlet	Gully No. 100. With Special Bucket and Grid	No. 116a Stoneware Square Kerb	No. 116d Special Strong Iron Grating and Frame	No. 116e Improved Channel & Kerb	No. 116c Special Channel
6in. dia. Inside	8in.	1ft. 6in.	4in	9/6 each.	1/9	4/9	5/-	2/9
9in. ,,	11in.	2ft.	4in.	14/6 ,,	2/3	7/3	6/-	*These fit*
12in ,,	14½in.	2ft. 6in.	6in	25/- ,,	3/-	12/6	—	*on any*
18in. ,,	21in.	3ft.	6in.	42/6 ,,	—	21/3	—	*square kerb*

Other sizes to order. Inlets charged 1/3 each extra. Special Tipping Buckets supplied to order for large sizes. The Stoneware Kerbs and Iron Frames have a collar which fits closely into Gully, preventing back drip.

N.B.—See that all these goods are marked "Sankey's Patent Intercepting Gully."

The most simple, complete, and efficacious grease, mud, and gas interceptor in the market.

All Quotations previous to January 1st, 1895, cancelled. *Press extracts and Testimonials on application.*

Superior Stoneware, Pipes, Junctions, Traps, etc. (London & Country make), also Channels, Gullies, Interceptors, Glazed Bricks, and Iron Covers for Manholes. *See also Section A* for Bricks, Tiles, Slates, etc., of all kinds.

Particulars of J. H. SANKEY & SON, Canning Town, E., and at North Woolwich & East Ham.

Also SANKEY & CO., Creek Wharf, Hammersmith, and Kensington, W.

ESTABLISHED 1857. CONTRACTORS to H. M. GOVERNMENT

☞ Please Write for Illustrated Catalogue.

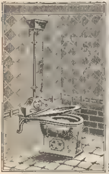
GEORGE SKEY & Co LIMITED

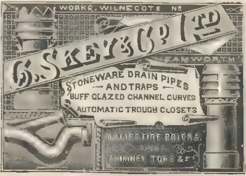
AUTOMATIC TROUGH CLOSETS.—In Salt or Buff Enamelled Glaze.

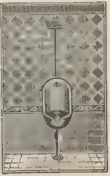
Telegrams: SKEY, TAMWORTH.

Telegrams: SKEY, LONDON.

Prices 12" bore, 11" seat, Salt Glaze, 5 6, Ename Glaze, 6'6 per foot run The measurement is taken from extreme end to extreme end







THE "TORRENT" WASHDOWN.

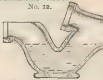
Prices, White 27/6. Cane 22/6

SKEY'S IMPROVED VENTILATING TRAPS.

No. 13.

Prices, 4" 10, 6" 15/- 9" 23/-

No. 12.



Prices. 4" 10/- 6" 15/- , 23/-

THE "SWAN" WASHDOWN.

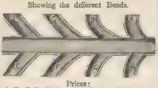
Price, White or Ivory 40/-

REVERSIBLE GULLY TRAP.

PRICES:
Receiver, with one inlet, as shown, 4/-
Trap for do., 4" inlet and outlet, 4/-
Extra inlets, 1/- each.
Extra iron grates, 6d. each nett.

STRAIGHT CHANNEL PIPE.

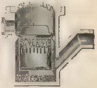
Showing the different Bends.



Prices:
A, B, C, D, E, F, G, H, 4" 1/9. 6" 2/6 each.

PRICE:
Large, 30/- each complete, with strong galvanized iron bucket (with handle) and grate.
Small, 17/6 each complete.

TREW'S GREASE RETAINER.



Large size, Square, 11½" Grate.
Small size, Round, 9" Grate.

WILNECOTE WORKS NEAR TAMWORTH.

LONDON DEPOT MIDLAND GOODS STATION ST PANCRAS, N.W.

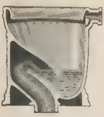
SHARPE BROS. & Co., LTD.,

Telegraphic Address— "SHARPE, SWADLINCOTE." **PATENTEES & MANUFACTURERS OF** London Office, 76 FINSBURY PAVEMENT, E.C.

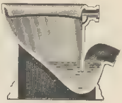
Closet Basins, Traps, Cabinet Tops, Urinals, Plug Basins, Commode Pans, &c.

OF EVERY DESCRIPTION IN WHITE, PRINTED, & CANE COLOUR.

SWADLINCOTE POTTERIES, Near Burton-on-Trent.



Section of Central Outlet



Section of P Trap

THE SOLIDAS.

This is a Wash-down Closet of approved type, having large water surface, vertical back, and deep sea , and can be had with central outlet, P Trap, or outside S Trap.

PRICES.

Cane and White	24/-	White or Ivory	28/-
Cane and Printed	28/-	White and Printed in or out	32/-

White and Printed in and out 34/-

SECTION.

THE "CEDRIC"

TRADE MARK.

PRICES.

Cane and White	21/-	White or Ivory	25/-
Cane and Printed	25/-	White and Printed in or out	29/-

White and Printed in and out 31/-

SHARPE BROS. & CO., LTD.,

Telegraphic Address "SHARPE, SWADLINCOTE" London Office: 76, FINSBURY PAVEMENT, E.C.

SWADLINCOTE POTTERIES, near Burton-on-Trent.

WASH-DOWN CLOSETS.

THE HOUSEHOLD CLOSET.

No. 164.

White Basin and White Trap...	16/4
" Printed "	19/4
" Basin, Gold Lines	24 0

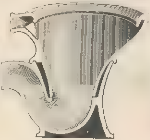
Traps, with Vent Pipe, 1/- extra.
Basins without Traps, 7/8 each less.

N.B.—The **HOUSEHOLD CLOSETS** are labelled as above:—

These closets having been on the Market many years, and having given satisfaction wherever fixed, are now largely copied, so Architects are specially desired (when specifying the Household Closet) to see that the Closet supplied is labelled as shown.

No. 186.

Trap at an angle of 45 degrees.



SECTION

PRICES

Cane and White	3[illegible]
Cane and Printed	3[illegible] -
White	35
White and Printed	39 -
Decorated in Colours	46/-

With Turned-up Inlet 1/- extra

No. 187.

Front View—Turned-up Inlet

THE CAPSTAN CLOSET.

ADVANTAGES. Trap can be fixed in any position.

The Basin is of the approved oval shape, with vertical back, yet can be placed at any angle without interfering either with the working of the Closet or the appearance of the pedestal.

The Closet when fixed appears to be in one piece of earthenware.

Nº1

MERRILL'S

Patent Automatic Flush Tank.

THE ONLY ABSOLUTELY RELIABLE FLUSH TANK MADE.

HAS NEITHER SMALL HOLES NOR AIR PIPES

"From these experiments it will be seen that the only cistern which came absolutely scatheless out of the several tests to which they were subjected was that of the WATER CARRIAGE ENGINEERING CO., which never failed to flush under any conditions, and which, moreover, is from its construction extremely unlikely to get out of order or admit of its being easily tampered with."—*Sheffield Corporation Report on Automatic Flushing Closets.*

When used for Drain Flushing with Waste Water it requires no Grease Trap

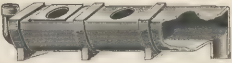
MERRILL'S PATENT TROUGH CLOSET

No. 4 SECTION OF TROUGH.

Greatest Cleanliness

with least

Consumption of Water.



"The form of trough which undoubtedly seems to us to be most favourable to a good flush is a triangular one, as exemplified in the two examples of the WATER CARRIAGE ENGINEERING CO. By adopting this form a minimum quantity of water reaches a maximum amount of surface, or, in other words, with the same volume of water as in the other forms, less surface liable to be soiled remains unaffected by the flush."—*Sheffield Corporation Report.*

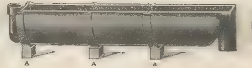
PRICES.

	£ s. d.		£ s. d.
2 Seats	6 0 0	6 Seats	11 16 6
3 "	7 0 9	7 "	13 15 3
4 "	8 11 3	8 "	15 6 9
5 "	10 15 0	9 "	16 9 6

Prices are for 2 ft 3 in. centres, and include Trough, Galvanized Iron Flush Tank, Down Pipe and Bend, and Seats. For greater widths than 2 ft. 3 in. centre to centre add 7/- per foot run. Special Feed Tap, 5/6.

In ordering these Troughs please say if outlet is required at right or left end. Illustration shows right-hand Trough, *i.e.*, outlet at right hand when observer is standing with face to Trough.

CHEAP TROUGH CLOSET.



A A A

A A A Bricks forming foot These not included with Troughs.

PRICES.

	£ s d.		£ s. d		£ s. d.
2 Seats	4 15 0	5 Seats	7 10 0	8 Seats	10 5 0
3 "	5 10 0	6 "	8 10 0	9 "	11 0 0
4 "	6 10 0	7 "	9 5 0		

Prices are for 2 ft 3 in centres, and include Trough, Merrill's Patent Flush Tank, in Galvanized Iron, Down Pipe and Bend, and Deal Seats. For extra widths add 5/- per foot run for children's size, and 5/6 per foot for adults' size.

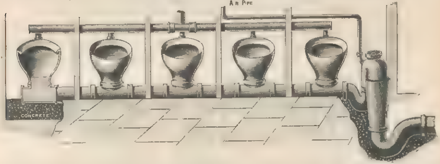
It is not contended that the Open Top Trough is equal to Merrill's Patent, but it is as good as any other Trough made.

The Water Carriage Engineering Co., Ltd., Mowbray Street, Sheffield.
London Office & Showroom: 13, VICTORIA ST., WESTMINSTER.

MERRILL'S PATENT BASIN LATRINE,

WITH SYPHONIC DISCHARGE,

For Schools, Barracks, and all places where a Superior Closet is required.



In this Latrine all the water is utilised in scouring the basins through the flushing rims none being required to be taken by separate branch to charge the outlet syphon, and none being wasted by dribbling in as afterflush. The basins are syphoned out each flush, and refilled, 10 inches of water being left to receive the soil The discharge also acts as a drain flusher, flushing the drain from syphon outlet to sewer.

PRICES.

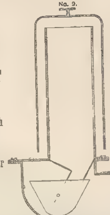
With 4 inch Foot Pipe and Syphon.				With 6 inch Foot Pipe and Syphon.			
2 Seats ..	£6 0 0	6 Seats ..	£11 10 0	2 Seats ..	£7 10 0	6 Seats ..	£12 15 0
3 " ..	7 0 0	7 " ..	13 0 0	3 " ..	8 15 0	7 " ..	14 5 0
4 " ..	8 10 0	8 " ..	14 10 0	4 " ..	9 15 0	8 " ..	15 15 0
5 " ..	10 0 0	9 " ..	16 0 0	5 " ..	11 5 0	9 " ..	17 15 0

Prices are for 2ft 3in centres; for greater widths add 4/- per foot run for 4in. Foot Pipe, and 5/- per foot for 6in. Foot Pipe

MERRILL'S PATENT AUTOMATIC FLUSHING SYPHON

For Flushing Sewers and Drains.

No. 9.



Beyond all comparison

THE MOST PERFECT SYPHON MADE,

And the only one which

WILL ALWAYS FLUSH

when the tank or chamber is full.

The only

TRAPLESS

Syphon made.

WILL WORK WITH SEWAGE EQUALLY AS WELL AS WITH CLEAN WATER.

No. 9. Prices in Cast Iron, Coated.

		Extra per foot depth of water in tank.
4½ inch Syphon to Flush 6 inch Drain,	£4 0 0	6/-
6 " " " 9 "	5 10 0	10/
9 " " " 12 "	7 15 0	12/-
10 " " " [illegible] "	[illegible]	[illegible]
12 " " " 18 "	13 5 0	20/-
15 " " " [illegible] "	16 5 0	22/6

Prices are for 3 feet of water in Tank up to 9 inch Syphon. 2 ft. 6 in. for 10 in., 12 in., and 15 in. Syphon. Special Quotations for other sizes or for quantities.

The Water Carriage Engineering Co., Ltd., Mowbray Street, Sheffield.

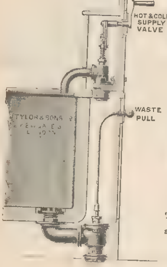
London Office & Showroom: 13, VICTORIA ST., WESTMINSTER.

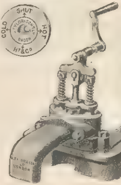
J. TYLOR & SONS, LTD.,

2, Newgate Street, London,

AND

Belle Isle, King's Cross, LONDON, and Pitt Street, SYDNEY.

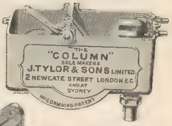


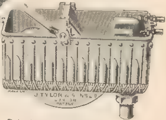


PUBLIC BATH VALVES.

The Valves are controlled by the attendant, and not by the bather.

Price from £3.



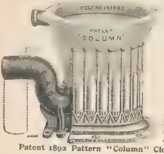


Patent "Column" Valveless Waste-Preventing Syphon Cistern.

(Certificate of Merit Sanitary Institute, 1894.

PRICES.

PLAIN PATTERN ..	£1 1s to £1 12s. 6d
ORNAMENTAL do	£1 6s to £3 0s. 0d.



Patent 1892 Pattern "Column" Closet.

PRICE FROM £2 7s. 6d

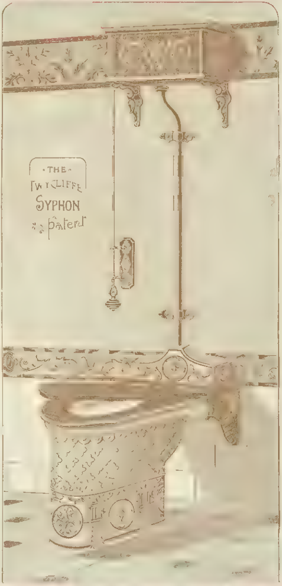
THIS Closet is made of Best White Earthenware with Lead Trap to shoot either out or down. The use of a Lead Trap ensures the joint between the closet and soil-pipe being well made. This joint between earthenware and metal—always a difficult joint to make—being *above the trap*, there is no danger of sewer gas entering the house through careless fixing. The water stands higher than the joint: careless fixing is therefore instantly detected by the water falling on the floor.

SPECIALLY MADE FOR CHILDREN,
Price £3.

Illustrated Catalogue sent post free to Architects and Surveyors on application.

TWYFORD, "CLIFFE VALE" POTTERIES,

HANLEY.



THE

"Twycliffe."

TWYFORD'S

PATENT

SYPHON CLOSET BASIN,

With Centre Outlet;

With Back Outlet with Joint above Floor.

THIS improved Syphon Closet is as simple in Construction as an ordinary "Wash Down," is **without Mechanism**, and requires only an ordinary **Syphon Cistern** with **One Flush Pipe**. Its action is quick and noiseless.

The Depth of Water in Basin is 7 in.

The Surface of Water is 12 x 10 in

The Water Seal in Trap, which is $3\frac{1}{2}$ in. forms an effectual barrier to the passage of sewer gas, and cannot be broken by Syphonic Action, or the emptying of Slops in Basin &c.

No special directions are required as to fixing, except that it must not be fixed over a Trap, as no **Second Trap** is required

With Back Outlet-Joint above floor—County Council pattern the Connection between Outlet of Earthenware Trap and Lead Bend can be made either by means of Twyford's Patent Porcelain-Metal Wiped Joint, or with ordinary brass Socket, in either case a perfect and permanent Air-tight Connection is formed.

Made in Porcelain—Plain, Decorated, and with Raised Ornamentation, and in Strong Fire Clay Porcelain Enamelled.

Made with Trap Outlet to suit requirements of the London County Council—and also with Outlet in centre of Basin

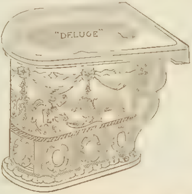
COMPLETE COMBINATIONS.
From £5 upwards

ILLUSTRATED DESCRIPTIVE SHEETS ON APPLICATION.

TWYFORD, "CLIFFE VALE" POTTERIES, HANLEY.

TWYFORD, "CLIFFE VALE" POTTERIES,
HANLEY.

PEDESTAL "WASH DOWN" W. C. BASINS.



THE "DELUGE."

CENTRE OUTLET.

No. 1.	With "Venetian" Pattern in relief, White or Ivory	42/-
No. 2.	Plain Surface, White or Ivory ...	[illegible]
No. 3.	Fire Clay, White Enamelled Inside...	[illegible]

Printed Patterns, 46/6.

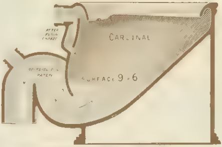
No. 4. With Slop Top, as shown, 21/- extra.

IMPORTANT.

The particular attention of Architects is directed to the formation of the "DELUGE," "CARDINAL," and "PLANETAS" Basins.

Ordinary "Wash Downs" have the great objection that the back becomes fouled and offensive.

This objection is completely removed by the Recessed Back (*as shown on illustration*), **which also secures a larger surface of water in basin.**



THE "CARDINAL."

With Back Outlet to meet the requirements of the London County Council.

No. 1.	With "Venetian" Pattern in relief as (shown on "Deluge") White or Ivory	49/6
No. 2.	Plain Surface, White or Ivory ...	45/6
No. 3.	Fire Clay, White Enamelled Inside	39/6

Printed Patterns, 54/-.

No. 4. With Slop Top, as on "Deluge," 21/- extra.

THE "PLANET."

No. 1.	With Pattern in relief, White or Ivory . .	[illegible]
No. 2.	Plain Surface, White or Ivory	[illegible]
No. 3.	Fire Clay, White Enamelled Inside	[illegible]

Printed Patterns, 34/-

The "Planetas," with Recessed Back, 7/6 extra.

These prices are for Basins only, and do not include the Patent Porcelain-Metal Wiped Joint, as shown on illustration.

This Joint, making a secure Connection between the Outlet of Trap and the Metal Soil Pipe, can be attached to the "Cardinal," "Planet," and "Planetas" S. or P. Trap, at 12/6 extra to above prices.

TWYFORD, "CLIFFE VALE" POTTERIES, HANLEY.

TWYFORD, "CLIFFE VALE" POTTERIES,
HANLEY.

PORCELAIN LAVATORY BASINS.

"THE C.V."

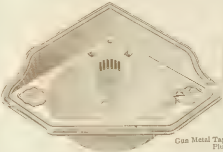
With Improved Standing Waste and Overflow.

	With Skirting.	Without Skirting.
	No. [illegible]	No. [illegible]
Oblong, [illegible] D shape Basin	[illegible]	[illegible]
27 [illegible] ,, ,,	[illegible]	[illegible]
25 [illegible] ,,	[illegible]	[illegible]
	57	[illegible]
	No. [illegible]	No. [illegible]
Angular, [illegible] D shape Basin	[illegible]	[illegible]
[illegible] ,,	[illegible]	[illegible]

Prices are Complete, Including Taps, Waste and Connection with Union.

"THE CRESCENT."

With Recessed Waste and Overflow and "D" Shape Basin.



Gun Metal Taps .. .. 5/- Plated 6/- each.
Plugs and Washers, with Union and Chain Stay .. 3/6 ,, 4/6

BASINS ONLY.

	With Skirting	Without Skirting
	No. 994	No. 995.
Oblong, 26½ × 20⅜ in. / [illegible] × 19 in. ..	34/6 ..	30/6
25 [illegible] in.	31/-	[illegible]
22 × 17 in.	26/6 ..	23/-
	No 996.	No 997.
Round Front, 26½ × 20⅜ in ..	34/6 ..	30/6
25 × 18 in. ..	31/- ..	27/-
	No 998	No. 999.
Angular, 30 × 22 in	38/- ..	33/-
,, 27 × 20 in.	26/6 ..	22/6

TWYFORD, "CLIFFE VALE" POTTERIES, HANLEY.

TWYFORD, "CLIFFE VALE" POTTERIES,
HANLEY.

The "Convenient" Combination Closet Basin & Cistern.

FOR SITUATIONS WHERE CISTERN HAS TO BE FIXED IMMEDIATELY OVER BASIN.

Height, 41in. Width, 22½in From Wall to front of Seat, 31in

No. 1. Complete, including a "Twycliffe" Syphon Basin (Centre Outlet), with Pattern in relief; Syphon Cistern, with Mahogany Casing, Carved Panel, Copper lined, lever handle, and Mahogany Seat, **£7 17s. 6d.**

No. 2. As No. 1, but Basin with plain surface, and Mahogany Casing, plain Panel, **£6 18s.**

Nos. 1 and 2, with Back Outlet—County Council pattern—and Porcelain Metal Wiped Joint above floor, and lead bend **12s. 6d.** extra.

Ordinary Brass Socket, **6s.** extra.

No. 3. As No. 1, but with a "Wash Down" Basin, Pattern in relief and Casing with Plain Panel, **£4 19s. 6d.** Basin, with Plain Surface, as shown, **£4 16s. 6d.**

No. 4. As No. 3, but Basin in Fire Clay, Cane outside, Plain Surface, **£4 13s.**

Any of above with White Wood Casing instead of Mahogany, **10s.** less.

THE DELUGE ADAMANT,

IN EXTRA STRONG FIRE CLAY.

The Strongest W.C. Basin made.

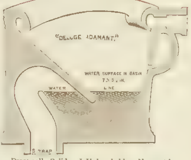
For HOSPITALS, ASYLUMS, DOCK-YARDS, POLICE STATIONS,

And all places where provision has to be made against rough usage.

No. 2. County Council pattern, with Back Outlet for connection above floor.

No. 3. With Centre Outlet as shown.

White Enamelled inside and out	40s.
" " Buff	36s



Practically Solid and Unbreakable. No part less than one inch thick

TWYFORD, "CLIFFE VALE" POTTERIES, HANLEY.

TWYFORD, "CLIFFE VALE" POTTERIES, HANLEY.

Adamant Urinal Range

Inside Sizes.

	Height.	Width.	Depth
Large	48in.	25in	16in
Medium	42in	20in	13in.

Size of Range over all.
For Three Persons as Shown.

	Length	Height.	Depth.
Large	7ft 3in	4ft 4in	1ft 7in
Medium	6ft.	3ft 10in.	1ft. 4in

No. 6. COMPLETE COMBINATION. Comprising Egg-shaped White Enamelled Fire Clay Adamant Urinals, Fire Clay Continuous Concealed Channels, White Enamelled with Tiled Treads, White Enamelled Top and Front Facings, Adamant Fire Clay Automatic Cistern with Cast Iron Brackets, and Copper Sparge Pipes.

PRICES.	Large.	Medium.
For [illegible] persons	£19 11 0	£14 19 0
,, as shown	29 5 6	22 7 0
[illegible]	38 0 6	28 15 6
[illegible]	46 7 6	34 16 0
[illegible]	56 4 0	42 6 0

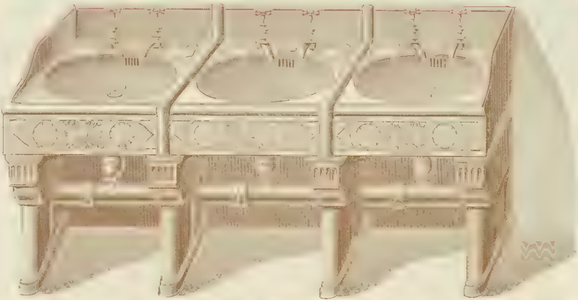
Cheaper Ranges may be supplied in Buff Glaze.

Quotations given for Ranges for any number of Persons.

TWYFORD, "CLIFFE VALE" POTTERIES, HANLEY.

TWYFORD, "CLIFFE VALE" POTTERIES, HANLEY.

"CLIFFE VALE" PORCELAIN ENAMELLED "ADAMANT" FIRE CLAY LAVATORY RANGES, WITH OVERLAPPING JOINTS.



No. 10. RANGE COMPLETE (as shown). Including Three White Enamelled Fire Clay "Adamant" Lavatory Basins, Overlapped, with Backs, Soap Trays drained into Basins; Four White Enamelled Fire Clay Pedestals, and White Enamelled Fire Clay Waste Pipe, Screw Down Brass Taps, ½ in., Three Hot and Three Cold; Three Brass Safety Plugs, 1 in., and Three 1½ in. Lead Traps with Brass Screw Caps.

Basins, over all [illegible] in.	Range, [illegible] in.	£11 0 0	Basins, without Back, 12/- less.
" " 24 × 18 × 6 in.	" [illegible] ft. [illegible] × 18 in.	10 3 0	With 1 Tap to each basin, 15/- less.
" " 18 × 18 × 5 in.	" 4 ft. 6 in. × 18 in.	8 15 0	

No 11. RANGE COMPLETE. Including Three Buff Glazed Fire Clay "Adamant" Lavatory Basins, Plain Fronts, no Backs, Overlapped, with Soap Trays drained into Basins; Four Buff Glazed Fire Clay Pedestals, 1½ in, Six Screw Down Brass Taps, ½ in., Three Hot and Three Cold; Three Brass Safety Plugs, 1 in., and Buff Glazed Channel (with Holes for Waste) instead of Waste Pipe. (Traps not included).

Basins, over all 18 × 18 × 5 in. Range, 4 ft. 6 in. × 18 in. **£6 10s 6d.** Basins with Backs, 10/- extra.

QUOTATIONS GIVEN FOR RANGES CONTAINING ANY NUMBER OF BASINS.

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THERE IS NO LEAD ABOUT IT.

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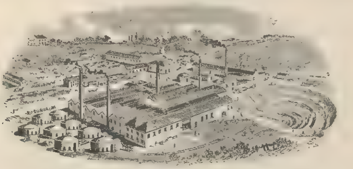
MANUFACTURERS of PATENT GLAZED VITRIFIED STONE-WARE,



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CHARLES WINN & CO.

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No. 1164. FLUSHING CISTERN.

Starts very easily; gives a rapid, powerful flush; is agreeable to the eye, being fairly symmetrical, and outlet in centre, is almost noiseless, and passed for use by every Water Company in the kingdom; no difficulty with corrosion, as working parts are made entirely in brass.

2 GALLON, 20/- 3 GALLON, 23/-

Ornamental pulls of various patterns, in brass or porcelain The one shown is 6032 at 5/- each

Ornamental clips in brass or nickel at various prices according to size.

No. 291R. EMBOSSED WASH-DOWN PEDESTAL CLOSET.

This is a straight back closet, which has been introduced to meet the requirements of those who prefer this form, and has the advantage that the soil does not fall upon the earthenware but directly into the water in the trap, where it receives the full force of the flush.

It should also be noted that should the users of the closet forget to flush it, the soil does not accumulate in a solid mass in the pan, but is received in the water, by which it is *covered* and rendered inodorous, it is also more readily washed away in this form when the closet *is* flushed

ADVANTAGES.

Fine Ceramic Ware, a pure white colour.
Ample trap, fully glazed inside
Perfect Flush. Central Outlet
Raised ornamentation of suitable design
Price **30/-** all white

SEATS.

No 293—Mahogany or Walnut Seat to suit this closet .. .. .. 12/6 each

The same with top lid in addition 22/6

No 294A—Strong Seat Standards, rubber mounted .. .. 8/6 pair.

Ditto, galvanized .. .. .. 11/6 „

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26, GREY STREET.

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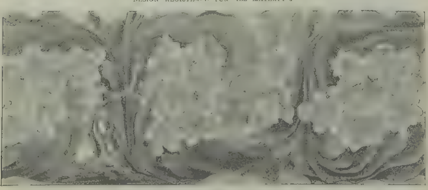

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Upwards of 270 designs at present ready in various styles, such as Renaissance, Italian, Louis XIII., Louis XV., Louis XVI., Modern, Indian, Moresque, Arabian, Queen Anne, Japanese, Adams, Elizabethan, German Renaissance, &c., &c., by well-known Architects and Artists, as shown on Price Lists.

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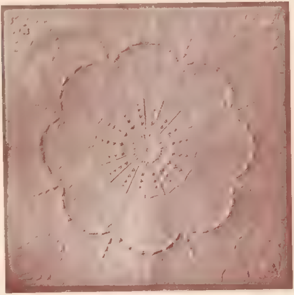

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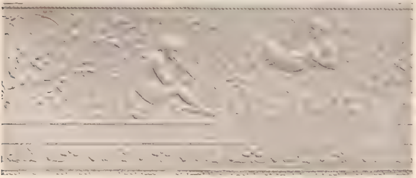

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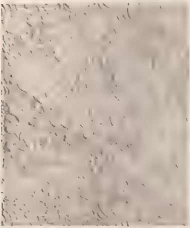

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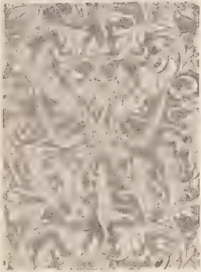

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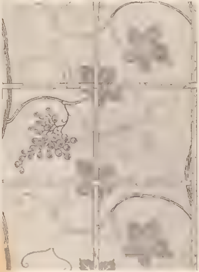

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36	.	4	5	5	6	6	7	7	8	9	9
40	...	4	5	6	6	7	8	8	9	9	10
44	...	5	5	6	7	8	8	9	10	10	11
48	...	5	6	7	7	8	9	10	10	11	12
52	...	6	6	7	8	9	10	10	11	12	13
56	...	6	7	8	8	9	10	11	12	13	14
60	...	6	7	8	9	10	11	12	13	14	15
64	...	7	8	9	10	11	12	13	14	15	16
68	...	7	8	9	10	11	12	13	15	16	17
72	...	7	9	10	11	12	13	14	15	17	18
76	...	8	9	10	11	13	14	15	16	17	19
80	...	8	9	11	11	13	15	16	17	18	20
84	...	9	10	11	12	14	15	17	18	19	21
88	...	9	10	12	12	14	16	17	19	20	22
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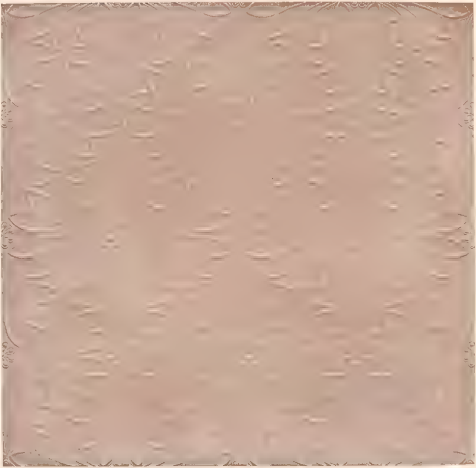

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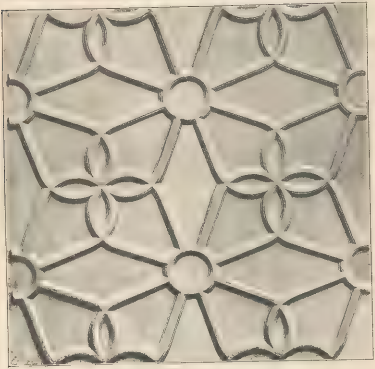

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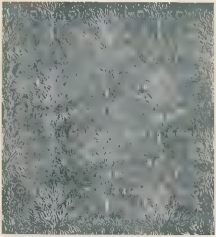

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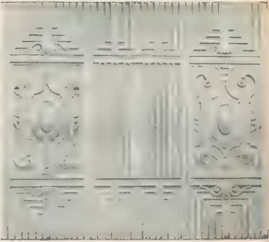

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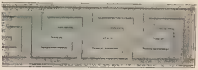

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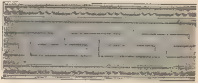

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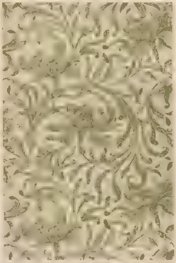

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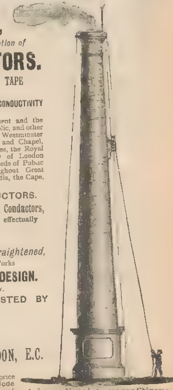

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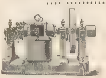

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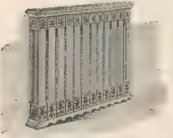

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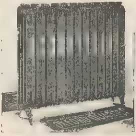

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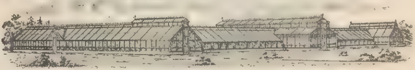

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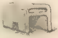

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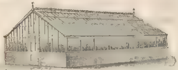

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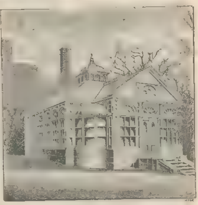

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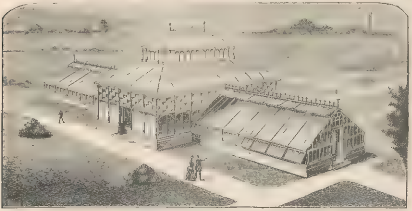

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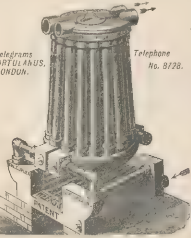

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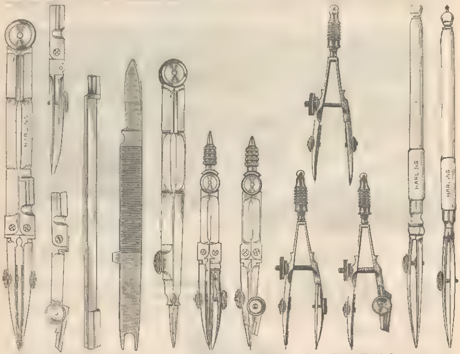

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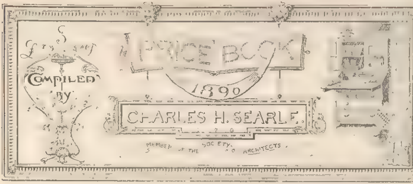


Memo.—*This Price Book Division of the Compendium is not put forward in competition with the several Price Books at present in the market, but as supplementary to the numerous prices given in the Catalogue portion of the Work. It is based on average London Prices, but it should be distinctly understood that the amounts must be added to, or deducted from, according to local quotations. The prices are similar in many large provincial towns, but may not uniformly be the same.*

SECTION 1.—SCHEDULE OF MATERIALS.

Bricklayer—

		s.	d.
Bricks, Place ..	Per M	28	0
Do. Grizzles	"	34	0
Do. Stocks	"	43	0
Do. Staffordshire blue common	"	80	0
Do. do. best ..	"	100	[illegible]
Facing bricks—Picked stock	"	[illegible]	0
Do. Malm seconds		90	0
Do. do. best..		110	0
Do. Fareham red	"	100	[illegible]
Do. Gault pressed	"	70	0
Do. Staffordshire red pressed	"	65	0
Do. do. blue do. ..	"	100	0
Do. Suffolk white	"	90	0
Do. do. red	"	90	0
Do. Rubbers—Suffolk white..	"	140	0
Do. do. do. red ..	"	140	[illegible]
Do. do. Fareham red	"	140	[illegible]

Ballast—

		s.	d.
Good well-burnt clay	Per yard	5	0
Clean pit gravel	"	6	0
Thames	"	7	0

Sand—

		s.	d.
Good clean sharp pit	Per yard	7	0
Thames	"	7	6
Do. washed	"	9	0

Lime—

		s.	d.
Chalk ..	Per yard	11	6
Grey stone lump	"	11	6
Do. ground	"	13	0
Blue lias lump	Per ton	20	0
Do. ground	"	24	0

Cement—

		s.	d.
Roman ..	Per bushel	1	4
Portland	"	2	3
Compo ..	Per hod	1	6

Mason—

Stone, including cartage and waste.

		s.	d.
Bath ..	Per ft. cube	2	9

Mason (continued)—

		s.	d.
Portland	per ft. cube	2	[illegible]
York, hard ..	"	3	6

Waller

		s.	d.
Hassock stone for walling	Per yard cube, variable		
Kentish ragstone for facings	Per ton	14	0

Carpenter—

		s.	d.
Fir sawn to scantlings	per ft. cube	2	3
Do. do. 2½ in. × 7 in.	per ft. lin.	0	3½
Do. do. 3 in. × 9 in.	"	0	5¼
Do. do. 3 in. × 11 in.	"	0	6¼
Do. do. 3 in. × 12 in. } Do. do. 4 in. × 9 in. }	"	0	6¾
Do. do. 4 in. × 11 in	"	0	8¼
Do. do. 4 in. × 12 in.	"	0	9
Cut nails, average	per cwt	16	0
Do. small quantities	per lb	0	3

Felts

		s.	d.
Sarking	per ft. super	0	1
Asphalted roofing ..	"	0	1¼
Hair, according to thickness	"	0	1½

Joiner—

		s.	d.
Best white deal, 1 in. thick	per ft. super	0	3½
Do. yellow do. do. do.	"	0	3½
Do. yellow pine do. do.	"	0	4
Do. pitch pine do. do.	"	0	4½
Do. English oak do. do.	"	0	6
Teak ..	"	0	10
American walnut ..	"	0	10
Italian do.	"	0	10
Honduras mahogany	"	0	10
Cuba do.	"	1	0
Glue, best ..	per lb.	0	8
Glass paper assorted	per quire	1	0

Slater and Tiler—

		s.	d.
Slating battens	per bundle	2	0
Laths for tiling, plain deal	"	3	0
" oak ..	"	5	0

Slater and Tiler (*continued*)—

		s.	d.
Zinc nails	per lb.	0	7
Composition do.	,,	0	7
Copper do.	,,	1	2
Bangor slates—Ladies	per M (of 1200)	112	0
Do. Countess	,,	200	0
Do. Duchess	,,	300	0
Plain red Brosely tiles	,,	42	6
Do. do. halves	,,	42	6
Do. do. tile-and-half	,,	85	0
Pan tiles	,,	75	0
Hip and valley tiles to suit pitch	each	0	4½
Ridge tile, plain red	per ft. lin.	0	4½
Do. do. blue	,,	0	5
Ridge roll tile	,,	0	6½

Founder and Smith—

		s.	d.
Heavy castings	per cwt.	10	0
Rolled iron joists, ordinary sections	,,	9	0
Do. do. deep	,,	10	0
Rivetted girders	,,	16	0
Wrought iron bar, square and round	,,	14	0
Do. ties galvanised for hollow walls	,,	37	6
Cramps	,,	37	6
Do. galvanised	,,	47	6
Rain-water pipes, 2 in. diam.	per yd. lin.	0	9
Do. 2½ in. do.	,,	0	11
Do. 3 in. do.	,,	1	1
Do. 3½ in. do.	,,	1	5
Do. 4 in. do.	,,	1	8
Eaves guttering, half round, 3 in	,,	0	7
Do. do. 4 in.	,,	0	9
Do. do. 5 in.	,,	1	0
Do. do. 6 in.	,,	1	4
Do. Ogee, 4 in.	,,	0	11
Do. do. 5 in.	,,	1	2
Do. do. 6 in.	,,	1	8

Plumber—

		s.	d.
Milled lead in sheets	per cwt	18	0
Lead pipe	,,	18	6
Do. soil pipe	,,	20	6
Red lead cement	per lb	0	6
Iron do.	,,	0	6
Iron wall hooks	,,	0	3
Do. pipe do.		0	3
Clout nails	,,	0	5
Copper nails	,,	1	6
Plumber's solder	,,	0	8
Fine do.	,,	0	9
Copper wire	,,	1	6

Plasterer—

		s.	d.
Laths, single	per load	26	0
Lath-and-a-half	,,	35	0
Do. double	,,	45	0

Plasterer (*continued*)—

		s.	d.
Putty lime	per hod	1	3
Coarse stuff	per bag	0	8
Size	per lb	0	2
Double do.	,,	0	3
Whiting, lump or balls	per ton	40	0
Distemper	per pail	1	3
Best long cow hair	per cwt.	10	0
Plaster of Paris, coarse	per ton	40	0
Do. fine	,,	55	0
Keene's cement, coarse	,,	55	0
Do. fine	,,	75	0
Parian cement, coarse	,,	55	0
Do. fine	,,	75	0
Martin's cement	,,	65	0

Silicate Cotton, at prices ranging from £5 10s. to £10 10s. per ton, according to quantity, the net cost being equivalent to about ¾d. per ft. super, 1 in. thick.

Plaster—

		s.	d.
Fireproof plaster slabs (wired)	per yd. super	1	2
Fibrous do. do. (dry)	,,	1	0
Do. do. do. (damp)	,,	0	10
Fireproof cornices, at from	per ft. super	1	2
Fibrous do. do.	,,	0	7

Glazier—

		s.	d.
Clear sheet, 15 oz.	per ft. super	0	9½
Do. 21 oz.	,,	0	10½
Do. 26 oz.	,,	1	0
Do. 32 oz.	,,	1	4
Do. 36 oz.	,,	1	10
Fluted glass extra	,,	0	3
Ground do.	,,	0	2
Matted do.	,,	0	2
Hartley's ⅛ in. thick	,,	0	4
,, ¼ in. do.	,,	0	7
Rough cast plate, ¼ in.	,,	0	10½
Do. ¾ in.	,,	3	3
Do. 1 in.	,,	4	0

Painter—

		s.	d.
Hard stopping	per lb.	0	6
Pumice stone	,,	0	3
White lead ground in oil	,,	0	3
Patent knotting	per gallon	14	0
Pigments, various	per lb.	0	6
Linseed oil	per gallon	2	3
Do. boiled	,,	2	6
Turpentine	,,	2	9
Stains, various	,,	12	0
Red lead	per lb.	0	2½
Lamp black	,,	0	4
Brunswick black varnish	per gallon	8	0
Oak varnish	,,	8	0
Copal do.	,,	11	0
French polish	,,	12	0
Linseed oil putty	per cwt.	10	0

SECTION 2.

SCHEDULE OF WAGES.

			s.	d.
Excavator	per hour	7½ to	0	8½
Do. working in water	,,		0	10½
Scaffolder	,,		0	8½
Bricklayer	,,		0	11
Do. labourer	,,	6½d. to	0	7½
Mason	,,	11d. to	0	11½
Do. labourer	,,		0	7½
Do. lad	,,		0	5
Marble Mason	per hour		1	0½
Carpenter or joiner	,,		0	11
Do labourer	,,		0	7½
Do. lad	,,		0	5½
Tiler	,,		0	11
Do. labourer	,,		0	7½
Slater	,,	11d. to	1	0½
Do. labourer	,,		0	7½

		s.	d.
Slate mason	per hour	1	0½
Do. labourer	"	0	7½
Do. boy		0	4½
Engineer		1	0½
Smith	"	0	11
Do. labourer	"	0	7½
Plumber	"	1	0½
Do. and mate	"	1	8
Zinc worker	"	0	11
Do. labourer	"	0	7½
Gasfitter	"	0	11
Do. labourer	7d. to	0	7½
Do. boy	"	[illegible]	[illegible]

		s.	d.
Bellhanger	per hour 9d. to	0	[illegible]
Do. assistant	"	0	7
Plasterer's modeller	"	1	2½
Plasterer		0	11
Do. labourer	"	0	[illegible]
Hawkboy	"	0	4½
Scouring woman	"	0	3
Glazier	"	0	10½
Painter	"	0	10½
French polisher	"	0	10½
Gilder	"	0	11
Paperhanger	"	0	10½

SECTION 3.

SCHEDULE OF MEASURED WORKS.

EXCAVATOR

		s.	d.
Digging from surface not exceeding 12 in. deep	per yd. supl.	0	4½
Do. in common soils not exceeding 6 in. depth, and throwing out	per yd. cube	0	8½
Digging in gravel or stiff clay, not exceeding 6 ft. in depth and throwing out	per yd. cube	0	[illegible]
Do. in common soils exceeding 6ft., add do	"	0	1½
Do. in gravel or stiff clay and, do.,do.	"	1	[illegible]
Basketing out ground, add	"	0	[illegible]
Filling in and ramming, add	"		[illegible]
Filling into barrows and wheeling first 20 yards run, add	"	0	[illegible]
Do. every additional run, add	"	0	[illegible]
Filling into carts, carting and shooting, not exceeding 1 mile add	"	3	0
For every additional mile, add	"	1	[illegible]
Planking and strutting to sides of excavation	per ft. sup.	0	[illegible]
Do., do., to trenches for every foot in depth	per ft. sup.	0	[illegible]
Hard dry rubbish and filling in and ramming	per yd. cube	1	0

Drains.

		s.	d.
4 in. glazed stoneware drain pipe with socket joints set in cement, and laying to current, including digging, not exceeding 3 ft. deep, filling in and ramming ground	per ft. lin.	0	8
6 in. Do. do. do.	"	0	10½
9 in. Do. do. do.	"	1	[illegible]
12 in. Do. do. (exclusive of digging)	"	1	10
15 in. Do. do. do.	"	3	[illegible]
18 in. Do. do. do.		4	0
Extra for 4 in. bends	per number	1	3
Do. 6 in. do.	"	1	7
Do. 9 in. do.	"	2	4
Do. 12 in. do.	"	3	[illegible]
Do. 15 in. do.	"	6	0
Do. 18 in. do.	"	8	0
Do. 4 in. single junctions	"	1	[illegible]
Do. 6 in. do.	"	1	4
Do. 9 in. do.	"	2	4
Do. 12 in. do.	"	3	8
Do. 15 in. do.	"	[illegible]	0
Do. 16 in. do.	"	8	0
Extra for 4 in. double junctions	per number	2	0
Do. 6 in. do.	"	2	8
Do. 9 in. do.	"	4	8
Do. 12 in. do.	"	7	4
Do. 15 in. do.	"	12	0
Do. 18 in. do.	"	[illegible]	0
Bedding and covering 3 in. pipes in Portland cement concrete	per ft. lin.	0	8
Do. [illegible]		0	10
Do. [illegible]	"	1	0
Do. do. [illegible]		1	8
Do. do. 12 in.	"	2	[illegible]
4 in. syphon traps	per number	3	6
6 in. Do.		6	0
9 in. Do.	"	10	0
12 in. Do.	"	15	0
Add if with inlet	"	1	0

Concrete.

To be gauged 6 to 1, thoroughly incorporated and mixed with as little water as needful

		s.	d.
Concrete composed of pit ballast and ground lime, including wheeling and filling in to foundations	per yd. cube	9	0
Do. do. 6 in. thick under floors	per yd. sup.	1	8
Concrete composed of Thames ballast and Portland cement, including wheeling and filling in to foundations	per yd. cube	15	0
Do. do. 6 in. thick under floors	per yd. sup.	2	8
Do. do. 9 in. thick in walls	"	4	3
If thrown into foundations from a stage, add	per yd. cube	0	6
Timbering and boarding for building concrete walls, use and waste	per ft. sup.	0	3
If concrete is composed of broken brick or stone clippings, deduct	per yd. cube	1	6

BRICKLAYER

All bricks are to be sound, hard, square, and well burnt, and where not otherwise described are to be grey stocks

Sand to be clean sharp coarse grit sand, and washed where used with cement, mortar to be composed of sand and fresh burnt

Bricklayer (*continued*)—

Dorking or other approved grey stone lime in the proportion of three of sand to one of lime to be used whilst fresh and hot, and well flushed in every course.

No burnt clay or brick rubbish to be used in the composition of the mortar.

Portland cement to be of approved manufacture, to weigh not less than 110lb per striked bushel. Cement mortar to be with sand in the proportion of three of sand to one of cement, and employed whilst fresh.

No cement that has once been set, nor any sand tainted with salt to be used

The lime and cement to be kept perfectly dry and under cover

No four courses of brickwork to exceed 12 ins. in height.

Wherever practicable the bond of brickwork to be "English"

Cover up, and, when needful, thatch with good projection all brickwork to protect same from weather during any stoppage of the works or otherwise.

Brickwork.

As ordinary brickwork consumes from 4 300 to 4,350 bricks per rod, its price will vary at about the rate of 4s. 4d. per rod for every shilling of variation in the price per thousand of the bricks; for this, 5s. per rod is generally assumed to be sufficiently exact.

An addition must be made of from ten to twenty per cent. for work done in small quantities or difficult positions.

		s.	d.
Brickwork laid dry in cesspools, wells, &c.	per rod reduced	244	0
Do. of grizzles and lime mortar	"	258	0
Do. half grizzles and half stocks and do.	"	281	0
Do. all stocks and do.	"	303	0
Extra only in blue lias lime add ..	"	5	0

(This addition is inserted as representing the generally received opinion, but it is called in question by some who have experimented with the limes and who assert that in consequence of the lesser shrinkage of lias mortar the ultimate expense is not greater than that of grey lime mortar).

		s.	d.
Extra only in Portland cement add	per rod reduced	50	0
Brickwork of gault bricks and mortar	"	310	0
Stock brickwork in Portland cement in underpinning		400	0
Half brick walls in mortar	per ft. sup.	0	5
Do. in cement	"	0	$5\frac{1}{2}$
One brick walls in mortar worked fair both sides..	per ft. sup.	0	10
Building hollow walls, the cavity 2 in. to 3 in. in width, with one galvanised iron tie to every yard superficial, the brickwork measured net extra only..	"	0	3
Cutting away in old wall, and bonding new work into same half brick thick ..	"	0	9
Pulling down and cleaning and stacking bricks (including scaffolding) ..	per rod	40	0
Half brick trimmer arch in cement and centering	per ft. sup.	0	11
Damp course of fibrous asphalte in slabs ..	"	0	2
Do. two courses of stout slates in cement	"	0	[illegible]
Do. $\frac{3}{4}$ in. British asphalte	"	0	4
Do. $\frac{3}{4}$ in. Seyssel do.	"	0	8
Do. Glazed earthenware 3 inch thick ..	"	1	0
Do Tar, lime, and sand	"	0	2
Memo. — For vertical damp courses in asphalte add one half.			
Pointing to edge of slate or asphalte damp course	per ft. lin.	0	2
Bricknogging. (The quarters not deducted.)			
With place bricks on edge in mortar ..	per yd. sup.	2	6
Do. stocks do. do. ..	"	3	0
With place bricks flat in mortar ..	"	3	6
Do. stocks do. do. ..	"	4	0
If in cement add	"	0	9
Rough cutting	per ft. sup.	0	1
Do. circular	"	0	$1\frac{1}{2}$

Bricklayer (*continued*)—

		s.	d.
Rough cut squint quoin	per ft. lin.	0	8
Do bird's mouth		0	3
Fair cutting in grey stock facing	"	0	2
Do. circular	"	0	3
Do. in malm or red brick facing ..	"	0	3
Do. circular	"	0	$4\frac{1}{2}$
Rake out, wedge, and point to roof flashings in cement	"	0	1
Do. step flashing	"	0	2
Cut and pin 3 in. landing in cement.. ..	"	0	$3\frac{1}{2}$
Do. 4 in. do.		0	4
Chase, cut or form and parget	per ft. sup.	1	0
Points to groined arches in stocks	per ft. lin.	0	9
Do. do. in malms	"	1	0
Frame, bed and point..	per No.	1	0
Three light do.	"	1	6
Iron bond, No. 15 gauge, $1\frac{1}{2}$ in. wide, tarred and sanded, and laid in walls	per yd. lin.	0	2
One course of brick on edge, and double tile creasing in cement	per ft. lin.	1	$0\frac{1}{2}$
$1\frac{1}{2}$ brick on edge do. do.	"	1	6
12 in. tile coping set in cement	"	0	$8\frac{1}{2}$
Extra labour only in projecting courses as chimney cap	"	0	3
Rendering in cement finished from the trowel	per ft. sup.	0	2
Render chimney backs	per No.	1	6
9 in. drain pipes, and setting as chimney pots	"	2	0
9 × 3 air bricks and building in	"	0	7
Ends of iron bar cut and pinned	"	0	6
Do. iron joists do.	"	0	9
Do. large do. do.	"	1	0
Do. stone steps do.	"	0	9
Do. small timbers do.	"	0	9
Do. large do. do.	"	1	3
3 in. stone templates up to 12 × 12 do. ..	"	1	0
4 in. to 6 in. do. up to 18 × 18 do. ..	"	1	6

Building in and making good to the above, one fourth of the prices given.

		s.	d.
Flues pargetted and cored	per No.	2	6
Terra cotta finial, p.c. 25s., and allow for carriage, profit, and fixing ..	"	30	0
Lime and hair filletting	per ft. lin.	0	$1\frac{1}{2}$
Cement do	"	0	2
Cut and rubbed, gauged apron in red brick, $1\frac{1}{2}$ in. projection	per ft. sup.	0	6
Cut and moulded sinkings in $1\frac{1}{2}$ in. projection	per No.	2	6
Cut and rubbed pilaster, 3 in. projection in red brick	per ft. sup.	0	3
Labour, fair cutting 1 in. or $1\frac{1}{2}$ in. fluting .	per ft. lin.	0	3
Stops	per No.	0	3
Labour, cut and rubbed splay $2\frac{1}{2}$ in wide .	per ft. lin.	0	3
Extra to splayed plinth	"	0	2
Angles to do.	per No.	0	3
Cut and rubbed, moulded course 3 in. high	per ft. lin.	0	4
Angles to do.	per No.	0	4
Stops	"	0	2
Cut and moulded cornice 9 in. high.. ..	per ft. lin.	1	1
Do. do. on rake	"	1	4
Angles to do.	per No.	0	9
Stops	"	0	4
Extra to $1\frac{1}{2}$ in. diameter, staffbeaded angle in white brick facing	per ft. lin.	0	6
Do. do. circular	"	0	8
Apex mitres	per No.	0	8
Stopped ends	"	0	6
Extra to chamfered brick in internal facings to sill	per ft. lin.	0	4
Stopped ends	per No.	0	4
Splayed stock brick on edge sill in cement	per ft. lin.	0	4
Encaustic tile lining to wall, p.c., 10s. per yard sup., and allow for carriage, profit and fixing	per yard sup.	16	6
Cutting and waste on do.	per ft. lin.	0	4
Do. to fit base of columns	"	0	6
Circular cutting and waste to fit mouldings	"	0	9
Raking, cutting, and waste, and forming mitre jointed angle to do.	"	1	0

Bricklayer (*continued*)—

		s.	d.
Encaustic tiles 6 in. × 6 in., at from	per No.	1	0
Do. 8 in. × 8 in. do.	,,	0	4
White glazed do. 6 in. × 6 in.	per doz.	8	0
Do. 8 in. × 8 in.	,,	7	6
Do. halves of 6 in.	,,	2	6
Do. 6 in. × 6 in. fixed complete	per ft. sup.	1	6
Do. do. octagons do	,,	2	0

Facings.—(*Extra only upon the brickwork*).

		s.	d.
Battering face	per ft. sup.	0	1
Circular face	,,	0	2
Fair face and struck joint for lime-whiting	,,	0	1
Stocks selected from stack	,,	0	0½
Picked stocks	,,	0	1
Bright yellow stocks	,,	0	2
Malms, second	,,	0	5
Do. best	,,	0	7
Malm paviors	,,	0	6
Ordinary red brick	,,	0	1
Best do.	,,	0	2
Suffolk best white	,,	0	5
Do. red	,,	0	5
Do. do. rubbers (not gauged work)	,,	0	10
Do. rubbed, gauged, and set in putty	,,	2	6
Do. do. reduced to 5 courses to the foot	,,	2	9
Kent gaults, wire cut	,,	0	2½
Do. best pressed	,,	0	3½
Loughboro red, best pressed	,,	0	4½
Do. white do.	,,	0	5
Beart's perforated seconds	,,	0	1½
Do. do best	,,	0	2
Do. solid, handmade	,,	0	3
Luton purple bricks	,,	[illegible]	2½
Fareham red	,,	[illegible]	6
Do. thin, rising five courses to the foot	,,	0	8
Staffordshire blue pressed brick	,,	0	6
White glazed brick, equal quantity of headers and stretchers	,,	[illegible]	6

Pointing.

		s.	d.
Cut joint pointing to new work	per ft. sup.	0	1½
Tuck pointing to ditto	,,	0	2½
Raking out cement joints and pointing with flat joint in white mortar	,,	0	2½
Brickwork, coloured and drawn	,,	0	1
Flat joint pointing in ash mortar, including scaffold, raking out decayed mortar, washing and staining brickwork	,,	0	3
Do. do. do. in cement	,,	0	4
Do. do. do. do. to chimney shafts	,,	0	5
Tuck pointing to old fronts and do. do.	,,	0	5
Lime-whiting one coat	per yd. sup.	0	1½
Do. two coats	,,	0	2
Dinging	,,	0	9
Portland cement rendering	,,	2	3
Do. weathering	per ft. sup.	0	4
Mouldings in gauged and cut malms set in putty	,,	2	6
Do. circular	,,	4	0
Extra to ornamental bricks	,,	3	6
Do. 6 in. × 6 in. and bedding	per No.	1	0
Do. 9 in. × 9 in. and do.	,,	2	0
Panel 2 ft. 3 in. × 1 ft. 6 in. and do.	,,	30	0
Extra to cut and gauged Keybrick 11 in. × 8 in. and 16 in. soffit and do.	,,	10	0

Arches.—(*Extra only upon brickwork*).

		s.	d.
Extra to rough arches over lintels and chimney bars	per ft. lin.	0	3
Do. do. Gothic arch in half brick wall in cement	,,	[illegible]	4
Rough relieving arch in stocks	per ft. sup.	[illegible]	3
Fair arch in half brick rings of grey stocks, set and pointed in cement to segment apertures	,,	[illegible]	2
Do. all as last but to circular do.	,,	1	5

Bricklayer (*continued*)—

		s.	d.
Fair arch in half brick rings of grey stocks, set and pointed in red brick to segment aperture	per ft. sup.	1	6
Do. do. do. but to circular do.	,,	1	8
Fair rubbed gauged arch in best red rubbers and set in putty—segment apertures	,,	2	9
Do. all as last, but to semi-circular do.	,,	3	0
Do. do. but to elliptical or Gothic do.	,,	3	8
Labour to 2 in. cut and rubbed roll angle to red brick arch	per ft. lin.	0	7
Fair ends	per No.	0	4
Do. do. 3 in. diameter	per ft. lin.	0	8
Fair ends	per No.	0	4

Fittings.

		s.	d.
Glazed Stoneware kitchen sinks—			
3 ft. × 1 ft. 5 in., and 8½ in. deep	per No.	9	0
4 ft. × 2 ft. and 5½ in. deep	,,	25	0
Angular sinks—			
2 ft. each way, 8 in. deep	,,	7	6
White glazed porcelain sinks—			
2 ft. × 1 ft. 6 in. and 4½ in. deep	,,	12	6
3 ft. × 2 ft. do.	,,	25	0
4 ft. × 2 ft. do.	,,	35	0
Housemaid's sinks, 2 ft. 8 in. × 1 ft. 6 in. and 9½ in. deep	,,	30	0
Butler's white glazed sinks—			
1 ft. 10 in. × 1 ft. 3 in. × 8½ in.	,,	26	0
2 ft. 1 in. × 1 ft. 4 in. × 10 in.	,,	32	0

Settings only—Including all materials.

		s.	d.
Register stoves up to 30 in.	per No.	7	0
Elliptic or hob stoves rendered in cement at sides	,,	8	0
Open range with oven and boiler 30 in.	,,	25	0
Do. do. 36 in.	,,	30	0
Do. do. 48 in.	,,	40	0
Close kitcheners—including smith's attendance— up to 48 in.	,,	60	0
Do. do. 60 in.	,,	80	0
Do. do. 72 in.	,,	110	0
Copper washing copper to hold 10 gallons, and including setting in stock, and fire-brick work in cement, and fire-clay, with flue-furnace work door and frame, bars, soot door, and damper	,,	60	0
Do. 18 gallons do.	,,	80	0
Do. 24 gallons do.	,,	100	0
Terra-cotta chimney pots, 2 ft. high, set in cement	,,	4	0
Do. 2 ft. 6 in. high do.	,,	5	0
Do. 3 ft. high do.	,,	7	0
Redware do. 2 ft. high, and setting in mortar	,,	2	0
Do. 3 ft. do.	,,	5	0
Do. 4 ft. do.	,,	6	0
Do. 6 ft. do.	,,	8	6
Do. 2 ft. high, and setting in cement	,,	3	0
Do. 3 ft. do.	,,	6	6
Do. 4 ft. do.	,,	8	0
Do. 6 ft. do.	,,	10	6

WALLER.

		s.	d.
Rough rubble stone walling	per yd. cube	16	6
Kentish rag stone walling	,,	16	6
Do. random coursed work	,,	20	0
Do. wall 12 in. thick, finished fair both sides	per ft. sup.	1	0
Do. extra to facings in random rubble, with one bonder to every yard super, all good sound stones with neat cement joint	per yd. sup.	0	9
Do. extra on facings to Gothic arches and pointing	per ft. sup.	1	0
Rough cutting to rakes and sprays	,,	0	3
Do. do. circular	,,	0	6
Fair cutting in facing	per ft. lin.	0	4
Do. circular	,,	0	8
Roughly squaring quoin stones	,,	0	6
Ends tread, cut, pinned, and made good to in facings	per No.	1	6

MASON.

All stone to be free from vents, shakes, flaws, sand holes, and other defects; to be set where requisite on its natural bed, to be in as large stones as are suitable, and can reasonably be obtained, and all to be bedded and jointed in cement.

Case up any stonework so requiring during progress.

Clean all down at completion.

Bath stonework is frequently priced out stone and all labour of every kind in working and setting, and as an average of ordinary church work may be considered as approximately worth from 5s. to 6s. per foot cube.

Portland stone is sometimes dealt with in a similar manner, and valued at from 7s. to 9s. per foot cube. It is better, however, to keep the stone and labour separate, measuring all labour as it appears on the surface and pricing distinct from the stone.

Yorkshire Stone.

		s.	d.
2½ in. tooled paving and laying in courses ..	per ft. sup.	1	2
3 in. self faced cover, included coped edges..	"	1	2
3 in. tooled one side landing	"	1	11
4 in. do. do.	"	2	6
4 in. do. both sides do.	"	2	7
6 in. tooled sink..	"	4	0
Rounded corners	per No.	1	3
Holes cut and dished	"	1	2
2 in. × 2 in. riser, tooled both sides, fair edges	per ft. lin.	0	4¾
2 in. × 3 in. do. and do. ..	"	0	5¾
2 in. × 4 in. do. and do. ..	"	0	7½
2½ in. × 12½ in. tread, tooled top and front edge, and backjointed	"	1	6
3 in. × 4½ in. riser, tooled all round ..	"	0	7
3 in. × 12 in. tread do. ..	"	2	1
3 in. × 15 in. do. do. ..	"	2	4
3 in. winding tread, greatest width 20 in. tooled as treads	"	2	11½
4 in. × 9 in. threshold, tooled top, fair both edges	"	1	9
4 in. × 14 in. do. do. ..	"	2	11
4 in. × 18 in. do. do. ..	"	3	6
6 in. × 9 in. step, tooled top and front edge	"	2	8
6 in. × 9 in. do. as last and backjointed..	"	2	8
6 in. × 11 in. step, tooled all round ..	"	3	6
6 in. × 12 in do. tooled top and face, and backjointed	"	3	7½
6 in. × 12 in. do. all as last and fair bed	"	3	7½
6 in. × 14 in. do. tooled top and front edge	"	4	1
7 in. × 20 in. solid winding step, tooled three faces, fair jointed bed	"	7	10
Mortices in York	per No.	0	3
Do. and lead	"	0	4
Sinkings in 2½ in. paving for gulleys ..	"	0	3
3 in. tooled template 9 in. × 9 in.	"	1	6
3 in. do. 9 in. × 14 in.	"	1	9
Large templates, for every inch in thickness	per ft. sup.	0	7

CARPENTER.

All wood to be well seasoned, free from sap, shakes, large or loose knots, and all other defects.

Timber to be Baltic yellow fir. Planks, deals, and battens yellow Christiania.

Oak to be English.

Timbers are to hold when fixed the scantlings of the full sizes specified.

No outside slabs are to be used, nor any sapwood.

		s.	d.
Deal, rough centring to vaults ..	per sqre sup.	23	6
Do. to segment aperture	per ft. sup.	0	3½
Do. to semi and circular do.	"	0	3¾
Do. to trimmer arch	"	0	3½
Turning piece to 4½ in. segment soffit ..	per ft. lin.	0	2¾
Do. to semi and circular do.	"	0	3½
Groins, measured on the line of the points..	"	0	9
Fir in lintels, wall and bond plates, ground joists and sleepers	per ft. cube	2	8
Do. do. circular ..	"	3	2
Do. in girder flitches	"	2	10½
Do. framed in roofs, floors, and partitions	"	2	8½
Do. do. circular ..	"	3	8
Do. framed in roof trusses ..	"	3	2

Carpenter (*continued*)—

		s.	d.
Planing to fir	per ft. sup.	0	0½
Square and plane do. ..	"	0	1
Deal, rough bracketting	"	0	2
Asphalted roofing felt and nailing to boarding, joints closely butted, measured net	per square	9	0
¾ in. × 2½ in. deal rough slate battens, and nailing to gauge for Countess slating to 3 in. lap	"	9	0
1 in. deal rough boarding as gangway	"	20	0
Do. close boarding, edges shot..	"	19	0
Do. do. and including furrings	"	23	0
¾ in. deal rough eaves board	per ft. sup.	0	2¼
1 in. do. gutter board and framed bearers	"	0	8½
1½ in. deal rough pitching piece and spiking	"	0	[illegible]
Do. do. do. framed hip	"	0	[illegible]
Do. do. wrought both sides and cross-tongued	"	0	5?
2 in. deal rough framed curb	"	0	[illegible]
Do. do. do. framed ridge and hips ..	"	0	6¼
Wall plugging	per ft. lin	0	1
Deal rough dovetailed bearers	"	0	1½
Do. do. feather edge springing fillet ..	"	0	1
Do. do. " tilting fillet ..	"	0	1
Do. do. herring-bone strutting to 7 in. joists	"	0	4
Do. do. do. to 9 in. do. ..	"	0	4½
Do. do. do. to 11 in. do. ..	"	0	[illegible]
Do. do. rebated cross drip . ..	"	0	1
Labour notching 12 in. girt in 3 in. deal .	per No	0	1
Do. circular perforations 6 in. diam 1½ in. deal	"	0	2
Do. do. 12 in. do.	"	0	3
Do. sinkings in deal for solder dots ..	"	0	1
Do. shaping ends of hammer beams 10 in. × 6 in. to pattern	"	2	6
Fixing only to iron screw bolts	"	0	2
Do. the heads let in flush.. ..	"	0	3
Ends of timbers bedded in shoes, and heads in white lead	"	0	6
Double felt seatings, according to size	"	2d to 6d	
Extra to trimming floor (joists 2½ in. × 6 in.) for circular staircase 8 ft. 6 in. diameter, including blocking for circular well, forming margin to flooring, with rounded nosing and sunk staff-beaded apron lining	"	12	6
Extra to trimming for, and forming in quarter partition trapway 2 ft. × 1 ft. 6 in. for access to cistern, including beaded linings, stop chamfered, one panel trap, hinges and fastenings	"	6	3
Fir, rough purlin cleats 6 in. × 8 in. and 15 inches long and spiking to principals	"	1	6
Deal dovetailed boxes for sunk cesspools with counter sunk outlets	"	2	6

JOINER.

The wood to be as before described.

Thicknesses of joiners' work are to be understood as the nominal thickness.

All glued joints are to be cross-tongued.

Floors.

		s.	d.
¾ in. best yellow deal prepared floor	per square	17	9
1 in. do. do.	"	19	8
1¼ in. do. do.	"	23	0
1 in. best yellow batten, prepared straight, joint flooring, with splayed headings ..	"	25	0
1½ in. do. do. -	"	31	3
If tongued with hoop iron, add	"	3	0
1½ in. yellow deal, rough warehouse floor, edges shot	"	33	4
2 in. .. do. do. ..	"	39	6

Joiner (*continued*)

		s.	d.
1½ in. batten flooring, as described, including bearers in openings	per ft. sup.	0	6½
Glued and mitred border to 1½ in. floor ..	per ft. lin	0	3
Extra to forming sinking for mat, 3 ft. × 2 ft.	per No.	5	0

Skirtings.

		s.	d.
½ in. × 4 in. deal, wrought one side, square skirting, including grounds and backings plugged to walls	per ft. lin.	0	2½
1 in. × 5 in. do. all as last	"	0	3½
1 in. × 9 in. do. all as described, and chamfered	"	0	4½
1½ in. × 12 in. do. all as described, and moulded, and moulded sunk	"	1	3½

Window, Door, and Partition Frames.

		s.	d.
Deal wrought framed and stop chamfered..	per ft. cube	5	3
Do., all as last, rebated and beaded.. ..	"	5	9
1½ in × 4 in. Wrought all round and framed	per ft. lin.	0	2½
2 in. × 4 in. do., all as last and weathered	"	0	3½
2½ in. × 4 in. Wrought all round and framed	"	0	4½
3½ in. × 4½ in. Proper door case	"	0	5½
3½ in. × 5 in. Wrought, framed, rebated, beaded, and chamfered	"	0	6½
Do., all as last, but segmental .. .	"	0	6¾
Do., do., semi-circular	"	0	7¼
3½ in. × 5 in. Wrought, framed, twice rebated, twice beaded, twice chamfered ..	"	0	7¼
4 in. × 5 in. Wrought, framed, weathered, rebated, chamfered, and twice beaded	"	0	7¾
4½ in. × 4½ in. Proper door case	"	0	8½
5 in. × 6 in. Wrought, framed, weathered, rebated, chamfered, and twice beaded..	"	0	11
Heading joint to circular frame, including oak keys and wedges	per No.	0	6
Wrought, circular, solid window frame, 4 ft 6 in. in diameter, with 5 in. × 3½ in. rim, rebated, beaded, and chamfered	"	10	6
Do., all as last, but 6 ft. 6 in. diameter ..	"	14	6

Cased Window Frames and Sashes.

		s.	d.
Deal cased frame, with oak sunk weathered check-throated sill, 1 in. deal outer linings, 1½ in. tongued pulley styles, ⅞ in. sash beads, 1½ in. wide for, and including, 1½ in. deal ovolo sashes in single squares, single hung with patent lines, brass cased pulleys, and iron weights ..	per ft sup.	1	3½
Do., all as last, with 2 in. sashes .. .	"	1	7½
Do. do. 2½ in. sashes, brass axle pulleys	"	2	1
If with double hung sashes, add	"	0	2
If with 12 light sashes, add	"	0	1
If in small squares, say 7 in. × 7 in., with thick astragal bars, add	"	0	3
Circular head to frame and sash, measured as square and charged separately .	"	0	6
If lead weights for 1½ in sashes, add ..	"	0	1½
If lead weights for 2 in. sashes, add ..	"	0	2
If lead weights for 2½ in. sashes, add .	"	0	2½
Deal cased frames, with 1½ in. ovolo sashes as before, but Venetian with solid mullions, the sashes double hung, across the side lights	"	2	0
Do., all as last, with 2 in. sashes	"	2	4
Do. do. 2½ in. sashes .. .	"	2	9
Continued and moulded horns to 1½ in. sashes	per No	0	2
Do. do. 2 in. sashes	"	0	3
Do. do. 2½ in. sashes	"	0	4

Casements.

		s.	d.
Deal proper casement frames, with oak sunk weathered and throated sills, 2 in. deal moulded casements (no ironmongery)	per ft. sup.	1	6½
Deal fillets to form S joints to meeting styles and screwing (both styles measured) ..	per ft lin.	0	4
Deal moulded cover fillet	"	0	2
Splay rebate and throat to lower rail ..	"	0	1½
Tongue and grooves to hanging style ..	"	0	2

Joiner (*continued*)—

Lights.

		s.	d.
1½ in. deal ovolo fixed light	per ft. sup	0	8½
2 in. do. do.	"	0	9½
2½ in. do. do.	"	0	11½
If hung on butt hinges, add	"	0	1
If double hung with lines and iron weights, add	"	0	4
2 in. deal ovolo fixed skylight .. .	"	1	0½
Deal hip rolls .. .. .. , ..	per ft lin.	0	6
2½ in. deal ovolo, moulded and rebated, fixed sash, with deep bottom rail, including stout zinc rebated sash, bars and rims secured to the wood to form pattern lights with margins, circles, &c., to simple designs	per ft. sup.	2	4

Doors.

		s.	d.
¾ in. deal tongued, beaded, and ledged door	per ft sup.	0	9½
1 in. Do. do. do.	"	0	10½
1¼ in. Do. do. do.	"	0	11½
1½ in. Do. do. do.	"	1	0½
Do. if braced, add	"	0	2
Do. if hung folding, add	"	0	1
1½ in. skeleton framed, ledged, and braced door, covered on one side with 1 in. tongued and beaded boarding, fixed upright in half board widths	"	1	3½
2 in. do. do.	"	1	9
2½ in. skeleton framed, ledged, and braced folding doors, filled in with 1 in. tongued and V jointed boarding, fixed upright in narrow widths	"	3	1½
Notches in frames for ends of ledges ..	per No	0	3
1½ in. square-framed one panel door ..	per. ft. sup.	0	11½
Do. moulded and square door	"	1	0½
1½ in. two panel square framed door ..	"	0	10½
Do. four panel do.	"	0	11½
Do. two panel bead flush and square ..	"	1	0½
Do. four do. do.	"	1	1½
Do. two panel, moulded both sides door ..	"	1	1½
Do. four do. do.	"	1	2½
2 in. two panel square framed door.. ..	"	1	0½
Do. four do. do. ..	"	1	1½
Do. two panel bead flush and square door..	"	1	2½
Do. four do. do. do. ..	"	1	3½
Do. two panel moulded both sides door ..	"	1	3½
Do. four do. do.	"	1	4½
2 in. four panel stop, chamfered both sides doors, V jointed panels	"	1	2½
Do. all as last, but the upper panels with diminished styles prepared for glass .	"	1	3½
Do. folding doors in four folds the set, each leaf in two panels, stop chamfered both sides, V jointed panels	"	1	3½
2½ in. folding doors, each leaf in two panels, lower do. bead flush and stop chamfered, upper do. sashed with diminished styles	"	1	6½
2½ in. do., each leaf in three panels, the framing of plank and half-plank widths, four panel bolection moulded on one side bead flush the other, 1½ in. thick, two upper panels with mouldings for glass	"	1	9

Fixed Panelling.

		s.	d.
1½ in. deal wrought one side, double rebated, and twice beaded jamb and soffit linings, framed in five panels the set, the panels stop chamfered and V jointed	per ft sup.	1	0½
Do. do., all as last, but in six panels the set	"	1	1½
2 in. deal wrought, both sides square framed, panelled partition, two panels in height	"	1	0½
Do. do., moulded both sides	"	1	2½
If three panels in height, add	"	0	2
If raised mouldings, add	"	0	½
If 2½ in. deal mouldings, add..	"	0	2½
2 in. square framed sash partition, three panels high	"	1	4½

(Fireproof Fixing Blocks, refer to Section B. of the Compendium.)

JOINER (*continued*)—

STAIRCASES.

		s.	d.
1 in. clean deal treads with rounded nosings, 1 in. tongued risers, glued, blocked, and bracketted on strong fir carriages ..	per ft. sup.	1	0½
Do. do. in cross tongued winders, measured net	"	1	2½
1½ in. treads with moulded nosings, 1 in. tongued risers—carriages as before ..	"	1	4½
Do. do. in cross-tongued winders, measured net	"	1	7
Housing and wedging ends of steps into string	per No.	0	4
Do. do. of winders	"	0	6
Do. do. of steps with moulded nosings	"	0	6
Do. do. of winders do	"	0	8
Do. do. of do. with circular ends ..	"	0	9
Returned moulded nosings to ends of steps, including mitres	"	0	9
Do. do. circular on plan	"	1	2
Scroll brackets mitred to risers	"	1	0
Do. circular on plan	"	2	8
Dovetailed sinking for balusters	"	0	2
Proper curtail step and riser..	"	10	0
1¼ in. deal plain wall string	per ft. lin.	1	0
1½ in. do. do. do.	"	1	3
2 in do. do. do.	"	1	6
1¼ in. do. outer string, framed, rebated, sunk and beaded..	"	1	4
1½ in. do. do. do.	"	1	8
2 in. do. do. do.	"	2	5

MEMO. String boards are generally assumed to be 12 in. wide.

		s.	d.
Deal moulded handrail under 8 in. of sectional area..	per ft. lin	1	0
Do. do. ramped	"	2	8
Do. do. wreathed	"	4	0
Deal moulded handrail under 12 in. of sectional area	"	1	6
Do. do. ramped	"	3	8
Do. do. wreathed..	"	6	0
Extra to grooving for and fitting to iron core	"	0	2
Mitred and turned caps	per No.	2	0
Handrail joint screws	"	1	0
3 in. × 3 in. deal framed and stop chamfered newel..	per ft. lin.	0	8
3½ in. × 3½ in. deal framed newel	"	0	9
If chamfered, add	"	0	1
4 in. × 4 in. octagonal newel..	"	1	0
Turnings to newels, from	per No.	1	0
Turned pendant drops..	"	0	6
5 in. × 5 in. framed and moulded newel ..	per ft. lin.	1	2
Turnings..	per No.	2	0
Pendants	"	1	0
6 in. × 6 in. framed, moulded and panelled newel	per ft lin.	2	0
1 in. × 1 in. square bar baluster	"	0	2
1½ in. × 1½ do.	"	0	3
2 in × 2 in. do.	"	0	4
Turning 1½ in. balusters	per No.	0	4
Do. 2 in. balusters	"	0	6

DEAL IN THICKNESSES.

		s.	d.
¾ in. rough ledged flaps, hung folding ..	per ft. sup.	0	6¼
¾ in. wrought one side matched, and V jointed boarding in half board widths, fixed upright as wall linings ..	per sqre.	25	0
Do. do. all as last as casings, including blockings or bearers	"	29	0
Do. do. do. fixed circular on plan ..	per ft. sup.	0	5¼
1 in. wrought one side	"	0	4¾
Do. do. and cross-tongued	"	0	5
Do. do. do. and framed	"	0	5¼
Do. wrought mitre, clamped flap, and beaded frame	"	1	2
Do. wrought both sides, matched, and V jointed boarding in half board widths..	"	0	5
1¼ in. wrought one side and cross-tongued	"	0	5¾

JOINER (*continued*)—

		s.	d.
1½ in. wrought one side and cross tongued, as boarding in ventilators including centre bit and fret saw perforations to pattern	per ft. sup.	0	9¼
Do tongued and rounded window board and bearers, including groove in oak ..	"	0	7¾
Do. do all as last, and cross tongued ..	"	0	8
Returned mitred, notched ends	per No.	0	9
1½ in wrought one side, cross tongued shelf and bearers..	per ft. sup.	0	7¼
Do wrought one side, single rebated, and twice beaded jamb linings	"	0	8½
Do. do. all as last, but double rebated ..	"	0	8¾
2 in. wrought both sides lining	"	0	7¾
Do. do. cross-tongued	"	0	8½
2½ in. do. do. and clamped shelf..	"	1	2½

RUNNING LABOUR IN DEAL.

		s.	d.
Labour to groove	per ft. lin.	0	0½
Do. throat	"	0	0¼
Do. small bead	"	0	0¼
Do. rebate to form tongue	"	0	0½
Do. do. on splay, including groove in oak	"	0	1
Do. do. cross-grain in short lengths	"	0	2
Do. ¾ in. staff-bead	"	0	1
Do. 1 in. do.	"	0	1
Do. 1½ do.	"	0	1
Do. rounded heel to 2 in. door.. ..	"	0	2
Do. hollow to correspond	"	0	2
Do. grooved and tongued angle to ¾ in.	"	0	2
Do. tongued and staff-beaded angle to 1 in.	"	0	2
Do. do. do. to 2 in.	"	0	2

MEMO.—Contractors having extensive machinery often price labour such as the aforesaid very low, averaging perhaps ½d. per foot lineal or less, taking one with another.

RUNNING ARTICLES IN DEAL.

		s.	d.
Wrought weather fillet	per ft. lin.	0	1½
Do. splayed closing fillet	"	0	1¾
Do. splayed throated weather rail ..	"	0	2¼
Moulded glazing bead, including mitres ..	"	0	1¼
½ in. × ½ in. Wrought chamfered fillet and bending to radius	"	0	1
½ in. × 2½ in. Wrought fillet..	"	0	1¼
Do. do. and bending to radius ..	"	0	1½
½ in. × 3 in. Wrought fillet	"	0	1½
Do. do. and bending to radius ..	"	0	1¾
¾ in. × ¾ in. Wrought mitred panel bead, including mitres	"	0	1
Do. do. and bending circular ..	"	0	1½
¾ in. × 1½ in. Wrought sash bead	"	0	1
Mitred angles	per No.	0	1
Stops on splay	"	0	1
Extra only splay cutting sets for lights or centres	"	1	2
¾ in. × 2½ in. Wrought beaded door stop ..	per ft. lin	0	1½
¾ in. Wrought one side angle pipe casing, and fixing with screws to, and including 1½ in. wrought rebated beaded grounds, plugged to walls..	"	0	6¼
1 in. × 2 in. Wrought one side tongued soffit, including groove	"	0	2¼
1 in. × 2½ in. Beaded capping and scribing to brickwork	"	0	2½
Mitred angles	per No.	0	2
Returned mitred ends	"	0	2
Housings..	"	0	1
1 in. × 3 in. Wrought one side, beaded lining	per ft. lin.	0	2¼
1 in. × 3½ in. Wrought one side and grooved grounds	"	0	2½
Framed angles	per No.	0	2
Do. do. all as last, and beaded ..	per ft. lin.	0	2¾
1 in. × 4 in. Wrought one side, lining tongued and staff-beaded, including groove	"	0	2¾
Grooved, tongued, and mitred angles	per No.	0	2½
1 in × 4½ in. Wrought one side, grooved [illegible]	per ft. lin.	0	3

Joiner (*continued*)—

		s.	d.
1 in. × 4½ in. Wrought one side, staff-beaded, tongued lining, including groove	per ft. lin.	0	3
Do. Do. do. circular	"	0	3½
1 in. × 5 in. Wrought one side, beaded lining	"	0	3¾
1 in. × 5½ in. Beaded capping	"	0	3¾
Do. Wrought one side, tongued and staff-beaded lining, including groove	"	0	4½
1 in. × 7 in. Wrought one side, splayed staff-beaded facia	"	0	4½
Do. Staff-beaded do., and blockings	"	0	4½
Do. Chamfered do.	"	0	4½
Do. do. as last, in short lengths, between joists—the joists not deducted	"	0	4½
1 in. × 9 in. Wrought one side, tongued and staff beaded lining, including groove	"	0	5
Do. Wrought one side, beaded casing, and blockings	"	0	5½
1 in. × 10 in. Do. do. do.	"	0	5½
1 in. × 11 in. Wrought one side and cross-tongued, staff beaded both edges	"	0	5¾
1½ in. Wrought tongued and rounded nosing as window board, including groove in oak	"	0	7½
1¼ in × 5 in. Wrought one side, beaded lining and blocking	"	0	4½
1¼ in. × 5½ in. Do. do. (no blockings)	"	0	4
1¼ in. × 7 in. Wrought one side, beaded lining and blockings	"	0	4½
Do. Wrought one side, and staff-beaded lining	"	0	4¾
1½ in. × 1½ in. Wrought chamfered fillet ..	"	0	1¾
1½ in. × 2 in. Bearers wrought, framed and twice chamfered	"	0	1¾
1½ in. × 4½ in. Wrought one side, chamfered bearers and plugging	"	0	2¾
1½ in. × 6 in. Wrought double beaded capping	"	0	3¼
2 in. × 3½ in. Wrought, framed, rebated, and chamfered lining	"	0	3¼
3 in. × 3 in. Wrought shifting bearers ..	"	0	3½
¾ in. × ¾ in. Cavetto moulding	"	0	1¼
Do. do. bent circular	"	0	1½
1 in. × 1½ in. Moulded bead, including mitred angles	"	0	1½
1 in. × 2½ in. architrave moulding, including mitred angles..	"	0	1½
1 in. × 3 in. Moulding..	"	0	1½
Do. Rounded nosing	"	0	2
Do. do. circular	"	0	2½
1 in. × 4½ in. Rounded nosing..	"	0	2
1¼ in. staff-bead and mitres	"	0	1¼
1¼ in. × 1¼ in. Moulding and do.	"	0	1¼
1¼ in. × 2 in. Do. and do.	"	0	1½
1¼ in. × 3 in. Rounded nosing	"	0	2
Do. do. circular	"	0	2¾
1½ in. staff-bead, including mitres	"	0	1
Do. do. and bent circular	"	0	1¼
Do. do. and bending to radius and screwing with 3 in. screws	"	0	2
1½ in. × 2½ in. Moulding	"	0	2
Do. do. circular	"	0	2½
1½ in. × 3 in. Moulding	"	0	2¼
Do. Circular	"	0	3
Do. Double Cavetto	"	0	2½
Do. do. circular	"	0	3
2 in. × 2 in. Moulding and mitres.. ..	"	0	3
2 in. × 3½ in. Do.	"	0	3½
Do. do. circular	"	0	4
2 in × 4 in. Moulding and mitres	"	0	4
2 in. × 5 in Do.	"	0	4½
in. × 5½ in. Do. in short lengths as brackets	"	0	4¾
3 in × 4 in. Moulding and mitres.. ..	"	0	5
Do. do. circular	"	0	6

Joiner (*continued*)—

NUMBERED ITEMS IN DEAL.

		s.	d.
Grooved and tongued angles to ⅝ in. × 10 in. linings	Per No.	0	5
Do. do. to ¾ in. × 10 in. linings	"	0	6
Do. do. to 1 in. × 11 in. linings	"	0	7
Grooved, tongued, and mitred angles to beaded lining 1¼ in. × 6 in. .	"	0	6
Do., do., to 1¼ in. × 11 in.	"	0	8
Rounded corners to ¾ in.	"	0	1
Do. 1 in.	"	0	1
Do. 1½ in.	"	0	1½
Seat holes cut and dished in 1¼ in.	"	2	0
Beaded handle holes	"	1	6
Extra to preparing sets of W. C. fittings so as to shift easily for access	"	2	6
Attend plumber to W. C.	"	2	6
Do. bath	"	3	6
Do. lavatory	"	2	0
Do. sink	"	2	0
Paper-box, combined with candle-bracket	"	10	0
Beech towel-rollers and brackets	"	5	0
Do. turned cloak pins	"	0	6
Sets of deal rough blockings at back of architrave mouldings	"	1	0
Dresser, 7 ft. long and 7 ft. high, with 1½ in. cross-tongued pot-board, bearers, and riser, 4 in. square framed legs, 2 in. clean deal cross tongued top 1 ft. 10 in. wide, three dovetailed drawers, black knob handles, framed and cut standards and top, with moulded architrave, mitred round as cornice, three tiers of plate shelves with grooves, beads nailed on, large and small brass hooks fixed on edge of shelves ..	"	78	0
Beaded strips, 3 in. × 1 in. and 10 ft. long, plugged to wall for dish covers	"	2	0
1½ in. copper lid in two thicknesses, pegged together, ledged, and with shaped handle	"	5	0
Small sliding door, with runner and frame plugged to wall of dustbin	"	3	0
1 in. wrought cut brackets 4 in. × 5 in. .	"	0	6
2½ in. splayed blocks, 5 in. × 1 ft. 3 in. to architraves	"	1	0
Cut, shaped, and chamfered brackets, 14 in. × 11 in., and plugging to wall ..	"	2	6
Plate-rack 3 ft. 6 in. × 3 ft	"	20	0
Wrought and chamfered bearers to do., with ends cut and pinned	"	1	0
Set of W. C. fittings in deal	"	14	0
Deal dustbin, 3 ft. 6 in. × 2 ft. × 3 ft. 6 in. with slide, cover, &c., and painting complete	"	45	0
3 in. deal moulded overdoors to design, 3 ft. 9 in. × 1 ft. 6 in.	"	15	0
Deal moulded chimney pieces to design, with overmantel, &c., 4 ft. 8 in. × 4 ft. 2 in. extreme	"	45	0

OAK.

		s.	d.
4 in. × 4½ in. Wrought threshold	per ft. lin.	1	2
Do. Sill, wrought all round, framed, sunk, weathered, and check throated ..	"	1	3
5 in. × 4 in., all as last, and beaded.. ..	"	1	6
1½ in. rough cleats, 6 in. × 6 in.	per No.	0	5
Do. 9 in. × 9 in	"	0	7
Do. 10 in. × 10 in.	"	0	8
¾ in. × ⅞ in. wainscot wrought panel bead, including mitres	per ft. lin.	0	3
1 in. × 6½ in. wainscot bookboard, wrought all round, and with moulded bead on each edge	"	1	0

CUBA MAHOGANY.

To include French polishing.

		s.	d.
1 in. Wrought one side, cross-tongued seat and riser	per ft. sup.	2	4

JOINER (*continued*)

		s.	d.
1 in. Wrought mitre, clamped flap, and beaded frame	per ft sup.	2	7
Labour, groove	per ft. lin.	0	1
Do. rebate	"	0	1
Do. small rounded angle	"	0	1
Do. 1 in. rounded nosing	"	0	[illegible]
½ in. × 4 in. Wrought one side, square skirting, including ground and backings, plugged to walls	"	0	8½
Tongued mitred angles	per No.	0	2
Rounded corners in ½ in.	"	0	1
Proper dished perforations in 1 in. for W. C. basins	"	2	3
Do. for handles	"	1	9
Extra to preparing sets of mahogany W. C. fittings to shift	"	2	9
1½ in. Mahogany, wrought one side, and moulded, panelled inclosure for bath	per. ft. sup.	6	0
1½ in. Mahogany, rimmed shaped bath top (the void not deducted)	"	4	0
Labour, 1 in. staff-bead and double quirk, with tongued angle	per ft. lin.	0	4
Bath skirting. (See ½ in. × 4 in. W. C. do., *ante.*)			
Extra to forming small door in 1½ in. framing for access to bath cocks	per No.	5	0
Set of bath cradling	"	7	6
4½ in. × 4 in. moulded handrail, and French polishing	per ft. lin.	2	9
Ends housed	per No.	2	3
Extra to price of do., hinged with brass back flaps	"	2	6

IRONMONGER.

To include all requisite screws, nails, and fixing.
Brass work to be fixed with brass screws.

		s.	d.
2 in. cast iron butts	per pair	0	8
3 in. Do. do.	"	1	0
3½ in. Do. do.	"	1	2
4 in. Do. do.	"	1	6
18 in. strong cross garnetts	"	1	6
24 in. Do. do.	"	2	8
2½ in. brass butts	"	1	2
Single action spring hinges for 2 in. doors, with top centres, and fully charged with oil	per No.	40	0
Do. do. but double action	"	[illegible]	0
8 in. brass lever mortice deadlock	"	12	0
4 in. cupboard lock	"	2	6
6 in. strong rebated mortice lock, strong brass furniture on both sides	"	11	0
6 in. best mortice two bolt lever lock, and wainscot oak bold lock furniture both sides	"	14	0
6 in. Do. all as last, but rebated	"	15	0
6 in. iron rim two bolt knob lock, rounded edges, oak furniture	"	10	0
7 in. Do. all as last	"	11	0
7 in. stock dead lock, brass wards	"	12	0
4 in. iron neck bolt	"	0	6
6 in. Do.	"	0	9
12 in. iron rod bolt	"	1	0
15 in. Do.	"	1	6
24 in. monkey tailed bolt	"	4	6
Bolt socket and leading in	"	1	0
12 in. brass flush bolt plate ⅝ in. wide	"	2	3
24 in. Do. do.	"	5	6
Set of strong lines, hooks, arms, and pulleys for opening and closing lights and plugs in walls	"	6	0
Double set of do.	"	7	[illegible]
Set of do. 34 ft. from floor	"	[illegible]	0
Strong iron sash centres	per pair	0	[illegible]
3 in. brass sash lifts	"	2	[illegible]
Brass sash handles	"	1	[illegible]
Brass sash fastenings for 2 in. sashes	per No.	3	[illegible]
Wrought iron flush ring	"	1	3
Norfolk thumb latch	"	2	0

IRONMONGER (*continued*)—

		s.	d.
Japanned iron plate button	per No.	0	2
Brass do.	"	0	3
1 in. brass knob	"	0	3
Card Frames	per doz.	7	0
Iron French casement bolts ⅜ in. rod to shoot up and down for folding casements 6 ft. 6 in. high	per set	7	6
9 in. japanned iron casement stay, hook, and plate	per No.	2	0
Brass cabin hook with plate and plugging	"	2	0
Do. door catch, and letting into floor	"	2	0
Do. plain door handle 6 in. long in the grip, and with solid brass back plate combined	"	2	9
Do. drop umbrella holder, to be approved with plates, and screwing shifting rain pan and sockets	"	4	0
Wainscot oak long finger plate, including French polishing	"	1	9
Do. narrow for diminished style	"	[illegible]	6
1½ in. brass dresser hooks	per doz.	2	0
Galvanised meat hooks	"	0	8
Japanned iron barrel door chain	per No.	[illegible]	0

SLATER AND SLATE MASON

		s.	d.
Best Penrhyn Ladies slating, laid to a 3 in. lap, and nailed with two copper nails to each slate	per sqre.	30	6
Do. Countess do. do.	"	[illegible]	6
Do. Duchess do. do.	"	53	6
If zinc nails, deduct	"	2	0
If laid to 2½ in. lap, deduct	"	1	6
Patent slate ridge and hip, 2 in. roll only	per ft. lin.	[illegible]	6
Do. do. 2½ in. do.	"	0	8
Do. do. 3 in. do.	"	0	10
Do. do. 2 in. roll 6 in. wings	"	0	10
Do. do. 2½ in. roll 7 in. wings	"	1	2
Do. do. 3 in. do.	"	1	6
Fixing with white lead and copper screws	"	0	4
Close cut and mitred hip bedded in oil cement	"	0	6
Extra course of slates and cement fillet to verge	"	0	5
Make good slating to pipe passing through roof	per No.	2	0
Leave slating clean and perfect at completion of works	per sqre.	1	0
½ in. Welsh slate slab, sawn out to sizes, quarry planed and fixed, from	per ft. sup.	0	11
¾ in. Do. do. do.	"	1	2
1 in. Do. do. do.	"	1	5
1¼ in. Do. do. do.	"	1	8
1½ in. Do. do. do.	"	2	0
Rubbing face, add	"	0	1½
Labour, groove 1 in. wide	per ft. lin.	0	3
Do. rounded nosing, from	"	0	2
8 in. × 3 in. rubbed channel	"	3	0
Labour, hole cut and dished for grate	per No.	2	0
Do. quadrant corner to 1 in. slate	"	1	0

TILER.

		s.	d.
Plain tiles on double fir laths, and wrought nails showing on the face 3 in.	per sqre.	50	0
Do. do. showing 3½ in.	"	45	0
Do. do. showing 4 in.	"	40	0
If with oak laths, add	"	2	6
Cutting and waste in tiling	per ft. lin.	0	4
Circular do.	"	0	5
Double course of tiling at eaves	"	0	4
Do. plain tile heading, and pointing in cement to verge	"	0	4
Hip tiles, purpose made, to fit rake of roof, and bonded in with the other tiling	"	1	6
Valley tiles do. do. do.	"	1	6

TILER (*continued*)—

		s.	d.
Red ridge tiling	per ft. lin.	1	4
Do. bedded in lime and hair, and jointed and pointed in cement ..	"	1	9
Tile finials, p.c., 7s. 6d. each	per No.	8	6
Wrought iron ornamental hip hooks ..	"	1	[illegible]
Pan tiling, laid dry, 10 in. gauge.. ..	per sqre.	2[illegible]	6
Do. bedded in hair and ash mortar ..	"	2[illegible]	6
Old pan-tiling stripped, new lathed, and re-tiled, dry, allowing 20 new tiles to a square	"	20	0
Do. do. allowing 100 new tiles per square	"	26	0
Flats of two courses of plain tiles, bedded in Portland cement	"	45	0
Do. three courses do.	"	65	0
Rendering surface with Portland cement to current	per yd. sup.	2	0

MEMO.—For illustration of Roof, Floor, and Wall Tiles of various descriptions, refer to Section A. of the COMPENDIUM.

FOUNDER AND SMITH.

CAST IRON.

All to be the best grey metal, cast at such foundry as the architect may approve.

All castings inclusive of the requisite patterns.

To include also proving any of the ironwork that the architect may so require; also all hoisting

		s.	d.
Metal in plain corbels, shoes and heads..	per cwt.	10	0
Do. in hollow columns, with base and cap plates, cogs, neckings, and moulded caps	"	10	0
Do. in heavy area gratings	"	1[illegible]	0
Do. in light do.	"	18	0
Do. in moulded cantilevers	"	1[illegible]	0
Do. in sash weights	"	6	0
3 in. diameter round rain pipe, including nails and plugs	per ft. lin.	0	6
Swanneck $4\frac{1}{2}$ in. projection	per No.	1	[illegible]
$4\frac{1}{2}$ in. × 4 in. square rain pipe, including bands, ears, plugs, and nails ..	per ft. lin.	1	8
Extra, to plinth bends	per No.	5	6
Flat back, moulded heads	"	1[illegible]	0
Extra, to junction for 3 in. round pipe ..	"	5	6
Moulded eaves, guttering $4\frac{1}{2}$ in. × 4 in., and $\frac{1}{4}$ in. thick, with socket joints, put together with red lead, and oil cement, and screwing to facia ..	per ft. lin.	1	10
Stopped ends	per No.	2	0
Angles	"	4	0
Outlets, cast on	"	5	0
Do. all as last, but 6 in. × $4\frac{1}{2}$ in. ..	per ft. lin.	2	2
Stopped ends	per No.	2	3
Outlets cast on	"	5	6
Holes cast in and cleaned out, through $1\frac{1}{4}$ in. metal for bolts..	"	0	3
Do. through $1\frac{1}{2}$ in.	"	0	4
Illuminating lens coal plate, 16 in. diameter, with protecting ring for paving, chain, hasp, and staple ..	"	21	0
Hit-and-Miss ventilating grating, 12 in. × 6 in., and letting into wood	"	4	0
Wall scraper	"	8	0
Bold standard scraper, to be selected, and letting into stone, and running with lead	"	12	0
Plain newel, 3 ft. long, with long screw, nut, and plate	"	10	0
Plain ornamental do. do.	"	15	0
Ornamental fourways finial, 6 ft. 6 in. high above stone, of design to be selected, and with long rod, let into stone, and run with lead			
Air brick, 9 in. × 6 in., and setting in walls, and forming channels ..		[illegible]	

FOUNDER AND SMITH (*continued*)—

WROUGHT IRON

The wrought and rolled iron to be the toughest and best quality

		s.	d.
Metal, in rolled iron joists	per cwt.	11	6
Do. in chimney and bearing bars, cambered and caulked	"	1[illegible]	[illegible]
Do. in fishing and forged angle plates ..	"	22	[illegible]
Do. in rods, plates, heads, nuts, washers, and forged straps..	"	24	0
Do. in half-round handrails, and round and square twisted baluster, including forging to ramps, and framing together	"	32	0
Do. in galvanized water bar, and bedding in white lead	"	35	0
1 in. gas tubing, as handrail, including screw joints, forged ramps, and handrail brackets, securely screwed	per ft. lin.	1	[illegible]
Forged ends	per No.	1	6
Drillings in $\frac{5}{8}$ in. rolled iron	"	0	$1\frac{1}{2}$
Do. $\frac{3}{4}$ in. do.	"	0	2
Do. $\frac{7}{8}$ in. do.	"	0	3
Cutting and fitting ends of 6 in. × 12 in. rolled iron joists to sides of similar do.	"	3	[illegible]
Ends of $\frac{5}{8}$ in. rod, forged, drilled, countersunk, and screwed	"	[illegible]	[illegible]
Do. of $\frac{3}{4}$ in. do. do. ..	"	1	[illegible]
Forging ends of 3 in. × $\frac{5}{8}$ in. strap to pattern	"	0	[illegible]
Tapping ends of $\frac{3}{4}$ in. rod	"	0	[illegible]
Do. $1\frac{1}{4}$ in. do.	"	0	[illegible]
Do. $1\frac{1}{2}$ in. do.	"	0	[illegible]
Bossed ends to handrail	"	[illegible]	
Dowels and white lead bed	"	[illegible]	
Hip hooks and screwing	"	[illegible]	
Galvanized wire bird gratings	"	[illegible]	[illegible]
$\frac{5}{8}$ in. screw bolts, average 12 in. long with nuts, heads, and washers	"	0	
$\frac{3}{4}$ in. do. do. ..	"	[illegible]	7
1 in. do. do. ..	"	[illegible]	[illegible]
$\frac{5}{8}$ in. × 3 in. coach screws, including drilling and tapping	"	0	[illegible]
Strong L irons, 18 in. × 12 in., with angle webs and screwing	"	[illegible]	
1 in. × 1 in. stancheons to windows .	per ft. lin.		
Ornamental heads to ditto with leaves rivetted on at sides	per No.	[illegible]	
$\frac{1}{2}$ in × 1 in. saddle bars	per ft. lin.	0	
Forged eyes in ditto for in. 1 × 1 in. stancheon..	per No.	1	[illegible]
Cast and wrought iron circular staircase, 8 ft. 6 in diameter, with centre rod and base plate screwed to wood; also steps, landings, newels, balusters, handrails, &c., in the usual way complete.. ..	per ft. of rise	21	0

MEMO. For stoves, grates, open and close fire-ranges, slow combustion, ventilating grates, kitcheners, as also for chimney pieces, and other fire-place fittings, refer to Sections D., G., H., and I., of the COMPENDIUM, where numerous examples and quotations of prices will be found.

For stable fittings, refer similarly to Section H. & J.

For iron fireproof doors and frames, refer to Sections H. and J.

PAVIOR.

		s.	d.
Paving of hard grey stocks, laid flat in sand and jointed..	per yd. sup.	[illegible]	7
Do. do. in mortar ..	"	3	[illegible]
Do. do. in cement ..	"	4	[illegible]
Paving as last, but laid on edge in sand ..	"	3	
Do. do. in mortar .	"	4	
Do. do. in cement ..	"	6	
Paving of malm paviors, laid flat in sand .	"	4	[illegible]
Do. do. in mortar ..	"	5	7
Do. do. in cement ..		6	[illegible]
Paving as last, but laid on edge in sand ..		5	[illegible]
Do. do. in mortar ..		6	
Do. do. in cement ..		7	8

PAVIOR (*continued*)—

		s.	d.
Paving of Suffolk white bricks, laid flat in mortar	per yd. sup.	7	0
Do. do. in cement ..	„	7	9
Paving as last, but laid on edge in mortar ..	„	10	0
Do. do. in cement ..	„	10	9
If rubbed and faced to close joints, add ..	„	1	8
Dutch clinker paving	„	11	9
Adamantine clinker paving	„	12	9
Do. do. bevelled ..	„	13	6
Do. laid herring bone, add	„	1	0
Staffordshire blue building brick paving, laid flat and jointed in cement	„	7	0
Do. do. on edge ..	„	9	0
Do. paving bricks, laid flat	„	7	6
Do. stable bricks, grooved and laid on edge	„	7	6
9 in., 10 in., and 12 in. paving tiles, and laying in sand	„	5	0
Do. do. in mortar ..	„	6	0
Do. do. in cement ..	„	7	0
Staffordshire 6 in. red and buff tile paving, bedded and pointed in cement, including cement ground	„	6	6
Encaustic tile paving, p.c., 10s. per yard super, and laying, including ground ..	„	15	0
Package and carriage only	„	3	0
Laying tiles to pattern in cement	„	4	0
Tar paving, 2½ in. thick, finished with a dressing of Derbyshire spa rolled in ..	„	2	3
Do. 3 in. thick do. ..	„	2	6
Do. 4 in. thick do. ..	„	3	6
Asphalte paving according to thickness, the quantity required, and the firm employed, from, and upwards	„	4	6
2 in. York stone tooled paving, laid in straight courses, and jointed in cement	per ft. sup.	0	10
2½ in. do. do. ..	„	0	11
3 in. do. do. ..	„	1	1
If rubbed, instead of tooled, add	„	0	3
2 in. Portland stone paving, rubbed and laid in straight courses in cement	„	2	0
2½ in. do. do. ..	„	2	3
3 in. do. do. ..	„	2	6
Granite pitching, laid in sand and grouted in cement	per yd. sup.	15	0
Wood block paving, about	„	10	0

PLUMBER.

Include for all necessary holdfasts, wall hooks, nails, solder, &c.

Water services to be in accordance with requirements of water company.

		s.	d.
Milled lead and labour in gutters and flats	per cwt.	24	6
Do. do. in flashings	„	25	0
Do. do. in cisterns, safes and sinks	„	27	0

Lead dressed as cornices over deal moulded cores, or otherwise, involving additional labour, to be charged the extra labour as per time expended.

		s.	d.
Single welt	per ft. lin.	0	2
Double welt	„	0	3
Close copper nailing	„	0	3
Soldered angle	„	0	9
Soldered dots and screws	per No.	1	6
Bossing ends of rolls	„	0	6
Do. angles, 6 in. high	„	0	8
Do. do. 9 in. high	„	1	0
Do. do. 12 in. high	„	1	4

Lead pipes to be inclusive of all joints in the length of same, and tacks where required. Lead pipes to be inclusive of bends when the pipe is 1½ in. or less; above that size bends to be separately measured.

		s.	d.
½ in. light lead pipe (3 lb. per yd.)	per ft. lin.	0	5½
¾ in. do. (6 lb. do.)	„	0	7½
1 in. do. (8 lb. do.)	„	0	10½
1¼ in. do. (12 lb. do.)	„	1	2
1½ in. do. (16 lb. do.)	„	1	5½
2 in. do. (21 lb. do.)	„	1	11
2½ in. do. (25 lb. do.)	„	2	3
½ in. strong do. (6 lb. do.)	„	0	8½

PLUMBER (*continued*)—

		s.	d.
¾ in. strong lead pipe (9 lb. per yd.)	per ft. lin.	0	10½
1 in. do. do. (12 lb. do.)	„	1	2
1¼ in. do. do. (16 lb. do.)	„	1	6
1½ in. do. do. (21 lb. do.)	„	2	0
2 in. do. do. (28 lb. do.)	„	2	5
2½ in. do. do. (36 lb. do.) ..	„	3	0
Extra on bends in 2 in. pipe	per No.	1	5
Do. 2½ in. do.	„	1	8
½ in. soldered stopped ends	„	0	8
¾ in. do.	„	0	10
1 in. do.	„	1	0
½ in. soldered branch joints	„	1	3
¾ in. do.	„	1	7
1 in. do.	„	2	0
1½ in. do.	„	2	6
2 in. do.	„	3	0
Lead collars for unions	„	0	4
Cast iron valve box and cover	„	7	0
Conical cap to 2 in. pipe	„	3	6
2½ in. to 1 in. lead cones and soldering ..	„	3	0
3½ in. to 2 in. do. do.	„	4	3
4 in. strong cast iron soil pipe, including nails and plugs, joints caulked in red lead and oil cement	per ft. lin.	2	6
30 in. length of 1 in. iron perforated pipe, including one capped end, 1 in. brass screw union for iron, and soldered joint to lead pipe	per No.	26	0
30 in. length of 4½ in. swanneck bent socket pipe out of 7 lb. lead, one end connected with iron gutter outlet, the other turned into R. W. head	„	12	6
36 in. length of 4½ in. bent soil pipe out of 7 lb., one end jointed to lead trap, the other to iron down pipe	„	20	0
4 in. patent cast lead P trap, including jointing to W. C. basin and soil pipe ..	„	18	0
Lead lavatory D trap, with brass cleaning screw, 1½ in. inlet and outlet pipes, 2 in. screw cap, soldered joints	„	14	0
½ in. brass screw union for lead pipe ..	„	3	0
¾ in. do. do.	„	4	6
1¼ in. do. do.	„	7	3
1½ in. brass washer and union for slate, with plug and length of brass chain	„	9	0
Brass washer and cementing in with do., do.	„	7	0
2½ in. brass grate and soldering in	„	1	6
3 in. do. and cementing in	„	1	9
3½ in. brass screwed grate and frame, and leading into stone	„	2	3
Copper draught flap for 1 in. lead pipe and soldering	„	1	3
Do. for 1¼ in. and do. ..	„	1	9
½ in. brass fall down lever basin cock, with screw boss and soldered joint	„	9	0
¾ in. gun metal fullway high pressure valve, including soldered joints	„	10	0
¾ in. high pressure valve ball cocks, with screw bosses, copper balls, and soldered joints	„	6	0
½ in. brass screw-down bibcock, screw boss and joint	„	7	6
¾ in. brass screw-down stopcock and soldered joint	„	9	0

MEMO.—Refer to Section L of COMPENDIUM (Sanitary Manufactures), where numerous descriptions and quotations will be found for lavatory, sink, bath, W C., and other fittings, earth and trough closets, latrines, water waste preventers, urinals, tanks, flush tanks, pumps, &c.

ZINC WORKER.

The zinc to be Vieille Montagne of best quality, and laid without solder in the most approved manner.

		s.	d.
Vieille Montagne zinc as described, No. 13 zinc gauge, 16 oz. per ft. super., as covering to trap-door	per ft. sup.	0	6½
Do. No. 15 gauge, 21½ oz. measured net over surface of flats, and add for requisite turnings and laying	„	0	9

Zinc Worker (continued)—

		s.	d.
Zinc nailing	per ft. lin.	0	1
Do. proper roll cap	"	0	2½
Bossed ends to do.	per No.	0	1½
Secret tacks	"	0	2
Bossed and soldered angles under 4 in. high	"	0	4
3 in. half-round eaves guttering	per ft. lin.	0	5
4 in. do. do.	"	0	5½
3 in. Ogee do.	"	0	6
4 in do. do.	"	0	8
2 in round rain pipe	"	0	5
2½ in. do.	"	0	5½
3 in. do.	"	0	6
4 in. do.	"	0	8½
3 in octagon rain water head	per No.	5	6
4 in. do.	"	6	6
3 in. shoes	"	1	6
4 in do.	"	2	4

BELLHANGER.

		s.	d.
Ordinary house bells, with cranks, copper wire, brass plate, spring carriages, etc., from	per bell	14	0
Electric bells, do.	"	25	0
Pneumatic bells, do.	"	25	0

PLASTERER.

All laths for plasterer's work to be lath-and a-half, ends not overlapping but butted, joints frequently broken, nailed at both ends with wrought iron galvanised nails

The lime for plastering to be best chalk lime, sand to be clean and sharp, and with proper proportion of clean hair.

External Work.

		s.	d.
Render and rough cast on brick with Dorking lime	per yd. sup.	1	4
Do. floated and do	"	1	8
Trowelled as last on lath	"	2	6
Moulded work	per ft. sup.	1	6
Arris	per ft. lin.	0	1½

Internal Work

		s.	d.
Rough render one coat on brick	per yd. sup.	0	5
Render one coat and set	"	0	8
Render, float, and set	"	0	11
If circular, add	"	0	3
Lathing only with lath and half	"	0	9
Lath plaster, one coat and set	"	1	3
Lath plaster, float and set partitions	"	1	6
Do. do. ceilings	"	1	7
If last coat is finished bastard stucco, add	"	0	4½
If trowelled stucco, smooth for paint, add	"	0	6
Gauging with plaster each coat, add	"	0	3
Do. with cement, add	"	0	3
Setting with gauged putty, add	"	0	3½
Lath plaster, float, set, flewing soffits of stairs	per ft sup	2	6
Plain plaster moulding under 6 in. girt, per inch of girth	per ft. lin	0	1¼
Do. above 6 in.	per ft. sup.	1	0
If on lath, add	"	0	1
Plain plaster quirk	per ft. lin.	0	0¼
Do. circular	"	0	0⅓
1½ in. plaster, staff-bead and double quirk	"	0	3
Stopped ends	per No.	0	2
Make good plastering round roof corbels	"	0	6
Do. to chimney pieces	"	1	0
1 in. stucco staff-bead and double quirk	per ft. lin.	0	3
Mitres	per. No.	0	3
Stucco reveal 4½ in. wide on brick, including 1 in. staff-bead and double quirk	per ft. lin.	0	5
Do. as last to 10 in. reveal, the staff-bead 1½ in.	"	0	8½
Do. do. circular	"	0	11
Mitres	per No.	0	8
Stoppings	"	0	4

Plasterer (continued)—

Portland Cement.

		s.	d.
Rough rendering on brick	per yd. sup.	1	3
Floated bed for paving	"	1	6
Plain face on brick	"	2	3
Do. in narrow widths	per ft. sup.	0	5
Do. circular	"	0	7
Plain weathering	"	0	3
Do. hearth	per yd. sup.	2	3
Do. face as paving 1 in. thick	"	2	0
Do. do. to current	"	2	1
Extra to outlet	per No.	0	6
Arris	per ft. lin.	0	0½
Do., and 1 in. return	"	0	1
Throat	"	0	0½
Margin 2 in. wide	"	0	1
Do. 5 in. wide, including two arrisses and dubbing	"	0	2½
Weathering 4½ in. projection	"	0	2
Do. mitres	per No.	0	2
Do. stoppings	"	0	1
Do. 6 in. projection	per ft. lin.	0	2½
Do. 9 in. projection, including 1 in return and arris	"	0	4
Do. do. circular	"	0	[illegible]
1½ in. staff-bead and double quirk	"	0	4
Do. circular	"	0	6
Do. mitres	per No.	0	4
Do. stoppings	"	0	2
1½ in. flush bead and double quirk, part on rake, including ramps	per ft. lin	0	4
Do. circular	"	0	[illegible]
Do. mitres	per No.	0	4
Do. stoppings	"	0	2
Roll 9 in. diameter and dubbing	per ft. lin.	0	4
Do. fair ends	per No.	0	2
Moulding 9 in. girt	per ft. lin.	1	1
Do. stoppings on splay	per No	0	8
External mitres to 28 in. weathering	"	1	4
Internal do. do.	"	1	4
Stoppings	"	0	0
Do. on splay	"	1	0
Rustic grooves V shaped	per ft. lin.	0	3
Do square sunk	"	0	4
Do. moulded	"	0	6

Keene's Cement

Ordinary quality, including Portland cement ground.

		s.	d.
Trowelled plain face on brick	per yd sup	2	6
Do. on lath and half	"	3	3
Do. on brick in panels	per ft sup.	0	4½
Do. on lath do.	"	0	5
Arris	per ft. lin.	0	1
Rounded do.	"	0	2
Angle 5 in. girt, and slightly chamfered arris	"	0	3½
Moulding 3 in. girt and under	"	0	[illegible]
Do. 6 in. girt per inch of girth	"	0	1¼
Skirting 9 in. high with moulding 3 in. girt	"	0	7
Mitred angles	per No	0	7
Stopped ends	"	0	4

Parian Cement.

Including Portland cement ground.

		s.	d.
Trowelled plain face on brick	per yd. sup	2	6
Do. do. in panel	per ft sup.	0	4½
Do. on lath and half	per yd. sup	3	3
Do. do. in panels	per ft. sup.	0	5
Mouldings	"	1	10
Do. polished	"	3	0
Polished plain face on brick, plain white	"	1	9
Do. do. plain colours	"	2	6

GLAZIER.

All glass to be of best glazing quality, free from all blemishes, neatly puttied and back puttied where required.

		s.	d.
16 oz. sheet, not exceeding 6 ft. sup.	per ft sup.	1	[illegible]
21 oz. do. do.	"	1	3
26 oz. do. do.	"	1	4½
32 oz. do. do.	"	1	6½

GLAZIER (*continued*)—

		s.	d.
British polished plate, best glazing quality in squares not exceeding 3 ft. sup. ..	per ft. sup.	2	3
Do. do. 6 ft. sup. ..	"	2	6
Do. do. 12 ft. sup. ..	"	2	8
Do. do. 24 ft. sup. ..	"	2	10
Do. do. 50 ft. sup. ..	"	3	0
Rough cast plate glass, in squares not exceeding 6 ft. sup. and ¼ in. thick ..	"	0	11
Do. do. do. ½ in. thick	"	1	0½
Do. do. do. ¾ in. thick	"	3	5
Do. do. do. 1 in. thick	"	4	2
Patent rolled rough plate small fluted glass, ⅛ in. thick, in squares not exceeding 4 ft. sup.	"	0	5½
Do., and glazing in and including wash leather	"	0	6
Rolled glass ⅛ in. in cathedral tints, and glazing in ordinary squares	"	0	4
Do., in and including lead lights, banded and wired	"	2	1
Grinding glass on one side	"	0	9
Do. on both sides	"	1	6
Grinding edges of glass not above ⅜ in. thick	per in. lin.	0	0½
Polishing edges	"	0	1
Bevelling edges, ¼ in. bevel	per ft. lin.	0	4
Do. ½ in. bevel	"	0	7
Do. 1 in. bevel	"	0	10½
Circular cutting and risk to plate glass ..	"	0	3
⅛ in. rolled rough plate glass tiles	per No.	0	10
¼ in. do. do.	"	1	0
⅜ in. do. do.	"	1	6
¼ in. rough plate "Ladies" glass slates ..	"	0	8
Do. "Countess" do. ..	"	0	11
Do. "Duchess" do. ..	"	1	3

PAINTER.

The materials for painting and staining, &c., to be of the best quality, best old genuine white lead, pure linseed oil, copal varnish.

The painting to include properly knotting, stopping, rubbing down and priming all the woodwork where for painting, and preparing where for staining, also metal and other work.

The number of coats specified is in addition to the priming coat.

		s.	d.
Twice whiten on new work	per yd. sup.	0	2
Once distemper, common colours	"	0	2
Twice do. do.	"	0	3
Plain painting to woodwork once in oil ..	"	0	4
Do. do. twice	"	0	6½
Do. do. three times ..	"	0	9
Do. do. four times ..	"	0	11

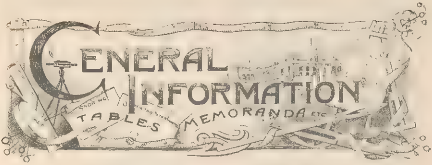
PAINTER (*continued*)—

		s.	d.
Plain painting to iron, once	per yd. sup.	0	3½
Do. do. twice	"	0	6
Do. do. three times	"	0	8½
Do. do. four times	"	0	10½
Extra flatting coat, add	"	0	3
Extra coats above four, per coat	"	0	2
Extra for painting in party colours	"	0	1
Bar rod and strap, once in oil	per ft. lin.	0	0½
Do. do. twice	"	0	0¾
Do. do. three times	"	0	1
Do. do. four times	"	0	1½
Skirtings and widths under 12 in., once ..	"	0	1
Do. do. twice ..	"	0	1½
Do. do. three times	"	0	2
Do. do. four times	"	0	2½
Frames, both sides, four times in oil ..	per No.	2	9
Large do. do. ..	"	3	6
Squares, both sides do. ..	per doz.	3	6
Large do. do. ..	"	[illegible]	0
Lights, of varying sizes do. do. ..	per No.	2	0
Do. as last, and including edges, four times in oil	"	2	3
Iron bolts and corbels, four times in oil ..	"	0	2
Rain water heads do. ..	"	0	4
Coal plates do. ..	"	0	4
Wall scrapers do. ..	"	0	6
Standard scrapers do. ..	"	1	0
Bolt heads, cut in black	"	0	1
L irons do.	"	0	6
Stoves blacked	"	0	6
Ranges do.	"	0	9
Kitchen dresser, four oils	"	10	0
Chimney pieces do. .. .. (from)	"	4	0
Stain, size, and once varnish..	per yd. sup	0	9
Do. twice do.	"	1	1
Do. do. 9 in. skirting ..	per ft. lin.	0	2
Extra grain, imitation wainscot	per yd. sup.	1	6
Varnish once in copal	"	0	6
Do. twice do.	"	[illegible]	10

PAPERHANGER.

		s.	d.
Preparing walls, pumicing, and sizing ..	per piece	[illegible]	7
Best white lining paper	"	1	6
Extra for hanging do.	"	0	9
Hanging only to ordinary pattern papers, (from)	"	[illegible]	0

The prices of paperhangings vary so greatly according to quality and description, that quotations here would serve no purpose, but in Section M. of the COMPENDIUM, "Wall and Ceiling Coverings," will be found numerous designs and quotations of prices.



ARCHITECTS' CHARGES.*

Schedule for Professional Practice and Charges of Architects.

Published under the sanction of the Royal Institute of British Architects, and confirmed at a General Conference of Architects of the United Kingdom, 1872.

1. The usual remuneration for an architect's service, except as hereinafter mentioned, is a commission of 5 per cent. on the total cost of the works executed from his designs, besides which all travelling and other incidental expenses incurred by the architect are paid by the employer, who may be also charged for time occupied in travelling if the work be executed at a considerable or inconvenient distance, or if more than ordinary personal attendance is required.

2. But for all works in which the expenditure is mainly for skilled labour and not for materials, *e.g.*, in designs for the fittings and furniture of buildings, for their decoration with painting or mosaic, for their sculpture, for stained glass, and other like works, the architect's charge is not made by way of commission on the cost, but should be regulated by special circumstances and conditions.

3. When several similar but distinct buildings are erected at the same time from a single specification and one set of drawings and under one contract, the commission of 5 per cent. should be charged on the cost of one such building, and a modified arrangement should be made in respect of the others.

4. In works of small value, say £500 in amount, 5 per cent. is not remunerative, and the charge should be by time or by an ascending scale, reaching 10 per cent. for works under £100.

5. The commission is reckoned upon the total cost of the works, valued as if executed by a builder, and of new materials. 2½ per cent. is charged upon any works originally included in the contract, but subsequently omitted in execution. This is exclusive of the charge for measuring extras and omissions.

6. The architect is entitled during the progress of the building to payment on account at the rate of 5 per cent. on the instalments paid to the builder, or otherwise to half the commission on the signing of the contract or the commencement of the works, and the remainder by instalments as above. N.B.—The terms of payment adopted by Her Majesty's Office of Works and Public Buildings may also be taken as an equitable method of payment on account, viz.:—One-third part of the commission shall be paid to the architect immediately after the signing of the contract; one-third part shall be paid to the architect as soon as one-half of the contract sum has been paid to the builder; and the remaining one third part shall be paid to the architect after the final payment to the builder.

7. The above charges do not cover professional services in connection with negotiations for site, in surveying it and taking levels, in making surveys and plans of buildings to be altered, in arrangements respecting party walls or right of lights, nor services incidental to arrangements consequent upon the failure of builders whilst carrying out work, or in cases of subsequent litigation; but all such services are charged for in addition.

8. If the employer, after having agreed to a design and had the contract drawings prepared, should have material alterations made, whether before or after the contract is prepared, an extra charge should be made, unless such alterations are rendered necessary by an unreasonable excess in the builder's tender beyond the architect's approximate estimate.

9. If the architect should have drawn out the approved design complete, with plans, elevations, sections and specification, the charge is half the commission upon the estimated cost. If he should, in addition, have procured tenders in accordance with the instruction of his employer, the charge is one-half per cent. extra.

10. For works in the alteration of premises, a special charge may be made on account of the special difficulties and trouble generally involved.

11. The following are the professional services included in the ordinary charge of 5 per cent.:—The requisite preliminary sketches, drawings, and specifications sufficient for an estimate and contract. Detailed drawings and instructions for execution. One set of tracings and duplicate specification. General superintendence of works (exclusive of clerk of the works). Examining and passing the accounts, exclusive of measuring and making out extras and omissions.

12. No additional remuneration is due for making an approximate estimate, such as may be obtained, for instance, by cubing out the contents. If a detailed estimate be required by the employer, an additional percentage charge may be made.

13. The charge per day made by architects depends upon their professional position, the minimum charge being three guineas per day.

14. The above payments alluded to in this document are to be made by the employer to the architect, who is not to receive commission or payment of any kind from the builder, or any tradesman, in respect of works executed under the architect's direction.

15. When an architect supplies builders with quantities, on which to form tenders for executing his designs, he should do so

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with the concurrence of his employer, and it is desirable, when practicable, that the architect should be paid by him rather than by the builder, the cost of such extra labour not being included in the commission of 5 per cent.

16. In respect of the ownership of drawings and specifications, it has hitherto been the general custom for the architect to be paid for their use only those documents remaining his property. N.B.—In case of sketches for work abandoned, this custom is recognised by the office of Her Majesty's Works and Public Buildings. No authoritative decision in the Courts of Law has, however, as yet been given on the subject: it is, therefore, desirable for the present, at least, that the architect should have a distinct understanding with his employer on this point.

17. The charge for taking a plan of an estate, laying it out, and arranging for building upon it, should be regulated by the time, skill and trouble involved.

18. For actually letting the several plots (in ordinary cases) a sum not exceeding a whole year's ground rent may be charged.

19. For inspecting the buildings during their progress (so far as may be necessary to ensure the conditions being fulfilled), and finally certifying for lease, the charge should be a percentage not exceeding one-half per cent. up to £5,000, and that by special arrangement.

20. All the above fees to be exclusive of travelling expenses, and the time occupied in travelling, as before mentioned.

21. The charge for the above does not include the commission for preparing specification, directing, superintending, and certifying the proper formation of roads, fences, and other works executed at the cost of the employer, nor for putting the plans on the leases.

22. The following definite charges are recognised for valuation of property:—The charge throughout is one per cent. on the first £1,000, and half per cent. on the remainder up to £10,000. Below £1,000 and beyond £10,000 by special arrangement. These charges do not include travelling expenses, nor attendance before juries, arbitrators, &c.

23. The charge for estimating dilapidations is 5 per cent. on the estimate, and in no case less than two guineas.

ASPHALTES.

Asphalte requires to be laid on a good bed of concrete, and is spread in a liquid state and rubbed to a smooth surface; or it is ground to powder, spread, and consolidated by ramming.

The bed for receiving asphalte must be thoroughly dry, and where it is to be attached to sloping or vertical faces the ground should be rough and a good key provided.

The most valuable deposits of asphalte stone are in the Val de Travers, Canton of Neufchatel; in the neighbourhood of Seyssel., department of Ain; at Bechelbrown, in Alsace; Limmer, near the City of Hanover, and Hölle in Ditmarschen; in Holstein, &c.

BRICKWORK.

	Size		Weight	per 1,000.
London Stocks	8¾ × 4¼ × 2½	inches ..	68 lbs. ..	60¾ cwt.
Red Kiln	8¾ × 4¼ × 2¾	,, ..	70 ,,	63 ,,
Welsh Fire Bricks	9 × 4½ × 2¾	,, ..	80 ,, ..	72 ,,
Paving Bricks	9 × 4½ × 1¾	,, ...	50 ,, ..	45 ,,
Dutch Clinkers	6¼ × 3 × 1½	,, ...	15 ,, ...	14 ,,

The thickness of walls is regulated by the size of the bricks, and walls are 4½ inches or half-brick thick, 9 inches or one brick thick, 14 inches or one and a half bricks thick. The standard thickness of reduced brickwork is 14 inches or one and a half bricks.

One rod of brickwork equals 272 ft. super of reduced brickwork; or 408 ft. super of one brick walling; or 306 ft. cube of brickwork (viz., 235 ft. of bricks and 71 ft. of mortar), or 11⅓ cubic yards; and requires 1 cubic yard of stone lime and 3⅓ yards of sand; or 1⅓ yards of chalk lime and 3 yards of drift; or 36 bushels of cement and 36 bushels of sharp sand; and takes 4,300 stock bricks, or 4,500 place bricks, or 5,370 stock bricks laid dry, or 4,900 stock bricks laid dry in wells and circular cesspools; it weighs about 15 tons, and requires about 130 gallons of water to mix the mortar.

CEMENTS.

See Limes, Cements, &c.

CHAINS, BREAKING WEIGHT OF.

To find the breaking weight in tons, divide the square of the diameter of one bar of the links in 16ths of an inch by 10 linked chains, and by 11 for studded chains.

Safe Working Load of Chains 1/6th breaking weight.

Linked.				*Studded.*			
Diam. of Link.	Safe load.	Diam. of Link.	Safe load.	Diam. of Link.	Safe load.	Diam. of Link.	Safe load.
Ins.	Tons.	Ins.	Tons.	Ins.	Tons.	Ins.	Tons.
3/16	·15	13/16	2·81	½	·97	1½	8·73
¼	·27	⅞	3·17	9/16	1·13	1⅝	10·25
5/16	·41	15/16	3·75	⅝	1·51	1¾	11·88
⅜	·6	1	4·17	11/16	1·83	1⅞	13·63
7/16	·81	1⅛	5·4	¾	2·03	2	15·51
½	1·07	1¼	6·67	⅞	2·97	2⅛	17·51
9/16	1·35	1⅜	8·07	1	3·88	2¼	19·63
⅝	1·67	1½	9·6	1⅛	4·91	2⅜	20·36
11/16	2·01	1⅝	11·17	1¼	6·07	2½	24·25
¾	2·4	1¾	13·07	1⅜	7·33	2¾	29·33

CIRCLE CIRCUMFERENCES AND AREA OF.

To find a circumference of a circle of greater diameter, divide into two or more parts, and add together their tabulated circumferences.

To find area of a circle, whose diameter is double that of any in the table, multiply the tabulated area by four, if three times by nine.

Dia.	Cir.	Area.	Dia.	Cir.	Area.
1	3·14	·7854	11	34·55	95·03
¼	3·93	1·23	¼	35·34	99·40
½	4·71	1·77	½	36·12	103·87
¾	5·50	2·40	¾	36·91	108·43
2	6·28	3·14	12	37·69	113·09
¼	7·07	3·96	¼	38·48	117·86
½	7·85	4·90	½	39·27	122·72
¾	8·64	5·94	¾	40·05	127·66
3	9·42	7·06	13	40·84	132·73
¼	10·21	8·29	¼	41·62	137·88
½	10·99	9·62	½	42·41	143·14
¾	11·78	11·04	¾	43·19	148·49
4	12·56	12·56	14	43·98	153·94
¼	13·35	14·18	¼	44·76	159·48
½	14·13	15·90	½	45·55	165·13
¾	14·92	17·72	¾	46·33	170·87
5	15·70	19·64	15	47·12	176·71
¼	16·49	21·65	¼	47·90	182·65
½	17·27	23·76	½	48·69	188·69
¾	18·06	25·97	¾	49·48	194·82
6	18·84	28·27	16	50·26	201·06
¼	19·63	30·68	¼	51·05	207·39
½	20·42	33·18	½	51·83	213·82
¾	21·20	35·78	¾	52·62	220·35
7	21·99	38·48	17	53·40	226·98
¼	22·77	41·28	¼	54·19	233·70
½	23·56	44·18	½	54·97	240·53
¾	24·34	47·17	¾	55·76	247·45
8	25·13	50·26	18	56·54	254·57
¼	25·91	53·46	¼	57·33	261·58
½	26·70	56·74	½	58·11	268·80
¾	27·48	60·13	¾	58·90	276·11
9	28·27	63·62	19	59·69	283·53
¼	29·05	67·20	¼	60·47	291·04
½	29·84	70·88	½	61·26	298·64
¾	30·63	74·66	¾	62·04	306·35
10	31·41	78·54	20	62·83	314·16
¼	32·20	82·52	¼	63·61	322·06
½	32·98	86·59	½	64·40	330·06
¾	33·77	90·76	¾	65·18	338·16

DISTRICT SURVEYORS.

DISTRICT.	NAME.	DISTRICT OFFICE.	OFFICE HOURS.
1 Eastern Division of the City of London	Hyman Henry Collins	25, Fenchurch-street, E.C.	10 to 4
2 Southern Division of the City of London	Edward Power	97, Queen Victoria-street E.C.	10 to 4
3 Western Division of the City of London	Hugh McLachlan	29 [illegible] E.C.	10 to 4
4 Northern Division of the City of London	Edmund Woodthorpe	1, Circus-place London Wall E.C.	10 to 4
5 St. George, Hanover-square North	Thomas Henry Watson	9, Conduit-street, Regent-street, W.	10 to 4
6 Belgrave & Pimlico Div., St. George, Hanover-sq.	William Alfred Large	83a Chester-square, Pimlico S.W.	10 to 4
7 St. James, Westminster	Robert Kerr	22, Old Burlington-street, W.	10 to 4
8 St. Martin-in-the Fields and St. Anne, Soho	Robert Walker	20, St. Martin's-place, Trafalgar-square	10 to 4
9 St. Margaret and St. John the Evangelist and the Close of Collegiate Church of St. Peter	Edward Dru Drury	25, Queen Anne's-gate Westminster, S.W.	10 to 4
10 St. Marylebone	Arthur Ashbridge	10, Upper Park-street N.W.	9.30 to 5, 9.30 to 2 Saturday
11 St. Pancras West	Frederick Wallen	96, Gower-street, W.C.	10 to 4
12 St. Pancras, East	Vincent John Grose	12, Great College-street, N.W.	10 to 4
13 Paddington	Horace Gundry	20, Warwick-crescent, Paddington, W.	10 to 4
14 North-west Islington, St. Pancras, North, and the detached portion of Clerkenwell near Muswell Hill	Frederick Hammond	8, Mercer's-road, Upper Holloway, N.	10 to 4
15 South-west Islington, St. Luke, Old Street, and the Liberty of Glasshouse Yard	George McDonell	19, City-road, E.C.	9.30 to 5, 9.30 to 2 Saturday
16 East Islington	J. Goodchild	59, Tollington-park, N	9.30 to 5, 9.30 to 2 Saturday
17 South Islington, St. Leonard's, Shoreditch, and the Liberty of Norton Folgate	Henry Lovegrove	314, Old Street, E.C.	9.30 to 5, 9.30 to 2 Saturday
18 Clerkenwell (St. James and St. John) and part of Islington	Ernest Carritt	7, Guildford-street E.C.	10 to 4
19 St Giles-in-the-Fields & St George Bloomsbury	Charles Forster Hayward	47 Museum street, Bloomsbury, W.C.	10 to 4
20 Holborn and East Strand, including St. Andrew, Holborn, above Bars, St George-the-Martyr, the Liberty of the Rolls, the Liberty of Saffron hill, Hatton-Garden, and Ely-rents, St. Clement Danes, St. Mary-le-Strand, the Savoy Precinct, St Sepulchre without the Charterhouse, and St. Paul, Covent garden	Frederick William Porter	28, Great Ormond street, W.C.	10 to 4
21 St. Mary, Stoke Newington	Joseph Douglass Mathews	169, Church-street, Stoke Newington, N	10 to 4
22 St. Matthew, Bethnal Grn., East & South Bow	Edward Street	209, Bow-road, E.	10 to 4
23 St Matthew, Bethnal Green, West	Robert Pledge Notley	51, Paradise-row, Bethnal green road, E.	10 to 4
24 East Hackney, North	Frederick Richard Jesson	36, Lower Clapton-road, E.	10 to 4
25 East Hackney, South, and North Bow	Alexander Payne	10, St. Thomas's-square, Mare-street, E.	10 to 4
26 West Hackney	George Legg	116, Graham-road, Dalston, E.	10 to 4
27 Mile End Old Town	Henry Simpson Legg	13, Grafton-street, Mile End-road, E.	10 to 4
28 St. George-in-the-East, St Botolph without Aldgate, and St Paul, Shadwell	Samuel Stenton Markham	180, High-street Shadwell, E.	10 to 4
29 St. Mary, Whitechapel, Christ Church, Spitalfields, and the Hamlet of Mile-end New-town, and the Tower Liberty	Arthur Crow	18, Great Prescot-street, E.	9.30 to 5, 9.30 to 2 Saturday
30 St. Anne, Limehouse, St. John Wapping, the Precinct of St. Katherine, and the Hamlet of Ratcliff	Henry Wm. Stock	586, Commercial-road East, E.	10 to 4
31 All Saints, Poplar	John Clarkson	73, High-street, Poplar E.	10 to 4 and by appointment
32 St. Leonard, Bromley	Chester Foulsham	205, High-street, Bromley, E.	10 to 4
33 S. Div of Lambeth and part of Camberwell	Henry Parsons	88, Angel road Brixton	10 to 4, and by appointment.
34 West Newington, and part of Lambeth	Banister Fletcher	7, Kennington-park-road, S.E.	10 to 4
35 East Newington, and part of St. George the Martyr, Southwark	Bernard Dicksee	67, New Kent-road, S.E.	9.30 to 5, 9.30 to 2 Saturday.
36 Central Lambeth and part of Battersea	John Alex. Jas. Woodward	69 Kennington-oval, S.E.	10 to 4, 12 till 2 Saturday
37 Lower Norwood	Percy Hunter	5, St. Luke's Villas, Knight's-hill-road, S.E.	10 to 4
38 St. Giles, Camberwell	Ellis Marsland	244, Camberwell-road, S.E.	9.30 to 5, 9.30 to 2 Saturday
39 St. Mary Magdalen, Bermondsey, and St. John, St. Olave, and St. Thomas, Southwark	Thomas Barnes Williams	24, Railway Approach, London Bridge, S.E.	10 to 4
40 St. Saviour, St. George-the-Martyr (part) and Christ Church, Southwark, and the Northern Division of Lambeth	Edwin Richard Hewitt	180, Blackfriars-road, S.E.	10 to 4
41 St. Mary, Rotherhithe, & part of Camberwell	Alexander Rose Stenning	111, Deptford Lower-road, S.E.	10 to 4
42 Hatcham, or the portion of St. Paul, Deptford, in Surrey	Augustus William Tanner	85 New Cross-road, S.E.	10 to 4
43 North-East Deptford	John Baldry Redman	493, New Cross-road, S.E.	10 to 4
44 South-East Deptford	William Hewson Lees	171, Lewisham High-road, S.E.	10 to 4
45 Greenwich	Benjamin Tabberer	Lecture Hall, Royal-hill, Greenwich, S.E.	10 to 4
46 Charlton, Lee and Kidbrooke	Walter Lewis Spiers	5, Lee-road, S.E.	10 to 4
47 Plumstead and Eltham	Thomas Batterbury	23, Conduit-road, Plumstead	10 to 4
48 Woolwich	Alfred Conder	Parsons' Hill, Woolwich	10 to 4
49 Fulham	Andrew Moseley	Churchfield House, King's-rd., Fulham, S.W.	at residence before 9 & aft. 8
50 Hammersmith	Thomas Edward Knightley	3, The Grove, Hammersmith, W	9 to 5
51 North Chelsea	Samuel Flint Clarkson	40, Sydney-street, Chelsea, S W	10 to 4
52 South Chelsea	Thomas Edward Mundy	31, King's-road, Chelsea, S W	10 to 4
53 South Kensington	Alfred Williams	20, Exhibition-road, Kensington, S.W.	10 to 4
54 North-west Kensington	Henry Hart	52, Norland-square, Notting hill, W	9.30 to 5, 9.30 to 2 Saturday
55 Lewisham	Charles James Badger	62, Lewisham-road, S.E.	daily from 9 a.m.
56 Sydenham	James Tolley	4, Dartmouth-road, Forest-hill, S.E.	all reasonable hours
57 Penge	George Elkington, Junr.	Vestry Hall, Anerley-road, S.E.	10 to 4
58 East Streatham and Brixton	John Salmon Quilter	162, Amesbury-avenue Streatham S.W.	10 to 4
59 West Streatham	Daniel Robert Lale	10, Ha[illegible] Balham S W	10 to 4
60 Clapham	William Grellier	244, High-street, Clapham S W	10 to 4
61 Central Division of Battersea	Wilfred J. Hardcastle	73, Marney-road, Battersea-rise, S.W.	10 to 4
62 Southern Division of Battersea, and the detached portion of Clapham	Horace Cheston	35, Belleville-rd Wandsworth-common, S.W.	10 to 4
63 North Battersea	Henry John Hansom	535, Battersea Park-road, S.W.	9.30 to 5
64 West Wandsworth	Thomas Roger Smith	118, High-street, Wandsworth S.W.	10 to 4
65 East Wandsworth and Tooting Graveney	George Aitchison	The Larches, Trinity-rd. Upper Tooting, S.W.	10 to 4
66 Putney and Hamlet of Roehampton	Thomas William Willis	Frampton Lodge, Clarendon-rd., Putney, S.W.	9 to 5
67 East Hampstead	William Smallpeice	42, Well Walk, N W	10 to 4
68 West Hampstead	Rowland Plumbe	104, West End-lane, N W	10 to 4

DISTRICT SURVEYORS.

BOUNDARIES OF DISTRICTS

1 Consisting of the Wards of Lime Street, Tower, Aldgate, Portsoken, Billingsgate and Langbourn.

Consisting of the Wards of Bread Street Bridge Candlewick, Castle Baynard, Cordwainers Dowgate, Farringdon Within Queenhithe Vintry, Walbrook, and Bridewell Precinct.

Consisting of the Wards of Aldersgate Within and Without Cheap and Farringdon Without St Martin's le Grand St Bartholomew the Great and Less the Inner Temple and that part of the Middle Temple within the City Serjeant's Inn Fleet Street and Chancery Lane Clifford's Inn Barnard's Inn Thavies Inn and those parts of Furnival's Inn and Staple Inn which are within the City.

Consisting of the Wards of [illegible] Bishopsgate Within Bishopsgate Without [illegible] Street Coleman Street Cornhill Cripplegate Within, and Cripplegate Without, and Precinct of Monkwell.

Consisting of that portion of the Parish situate north of Piccadilly, together with that part of such Parish situate between the west side of St James's Street and the boundary of the Parish of St Martin in the Fields on the east side of the Green Park.

6 Consisting of the remaining portion of the Parish, or the Belgrave and Pimlico Division.

11 Consisting of that portion of the Parish lying south of Lismore Road Lismore Circus, and the Midland Railway, and west of Kentish Town Road, High Street, Camden Town, Eversholt Street, Seymour Street, Upper Woburn Place, and Tavistock Square.

Consisting of that portion of the Parish bounded on the north by the Tottenham and Hampstead Junction Railway, [illegible] eastern boundary of District No. 11, and on the south by Lismore Road, Lismore Circus and the Midland Railway.

Consisting of that part of the Parish of Islington bounded on the north and west by the boundary [illegible] on the south by the centre line of Camden Road and on the east by the centre line of Highgate Hill and Holloway Road, and [illegible] the Parish of St. Pancras north of the Tottenham and Hampstead Junction Railway.

Consisting of that portion of the Parish bounded on the north by the centre line of Camden Road [illegible] centre line of Copenhagen Street and Claudesley Place and by the southern enclosure of the Agricultural Hall on the east by the centre line of Upper Street and Holloway Road, and on the west by the boundary of the Parish.

Consisting of that part of the Parish lying on the east side of Highgate Hill and Holloway Road and on the west side of Highbury Place, Highbury Park, and Blackstock Road.

Consisting of that part of the Parish situate on the east side of High Street, Upper Street, Islington Highbury Place, Highbury Park and Blackstock Road.

Consisting of that part of the Parish of Islington situate to the south of the southern boundary of District No. 15 and bounded on the east by the centre line of Upper Street.

Consisting of that portion of the Parish of Bethnal Green east of Cambridge Road, and that portion of the Parish of Bow south of Old Ford Road and of the Embankment of the Northern Outfall Sewer.

23 Consisting of that portion of the Parish west of Cambridge Road.

Consisting of that portion of the Parish lying north of the North London Railway, and bounded on the west by Lower Clapton Road and Upper Clapton to Stamford Hill.

Consisting of that portion of the Parish of Hackney lying south of the North London Railway and bounded on the west by the centre line of Mare Street and Cambridge [illegible] and on the south and east by the boundary of the Parish, and also that portion of Bow north of the centre line of Old Ford Road, and north-east of the Embankment of the Northern Outfall Sewer.

Consisting of that portion of the Parish lying west of Mare Street Lower Clapton Road and Upper Clapton to Stamford Hill.

The Tower Liberty consists of [illegible] Tower Ground, called the Old Artillery Ground near [illegible] and the Parish of Holy Trinity Minories and the Liberty and Precinct of Old Tower [illegible] Precinct [illegible] Square.

Consisting of that portion of the Parish of Lambeth bounded on the south by the centre line of Nine Elms Lane Miles Street South Lambeth Road Dorset Road [illegible] Street, Vassall Road, and Camberwell New Road, and on the north by [illegible] and Dulwich Road; and also that portion of the Parish of Camberwell south-west of the Camberwell New Road.

Consisting of that portion of the Parish of Newington westward of Walworth Road and also such portion of the Parish of Lambeth as is bounded on the west by Kennington Road and Clapham Road as far as [illegible], on the south by Horford Street, Vassall Road, Camberwell New Road and Wyndham Road and thence along the boundary of the Parish of Newington to Walworth Road on the east by [illegible] Street and on the north by the boundary of the Parish of Lambeth and Lambeth Road and [illegible] also an outlying angular portion of the Parish of Lambeth at the junction of Camberwell New Road with Denmark Hill.

Consisting of that portion of Newington eastward of Walworth Road, and that part of [illegible] the east side.

Consisting of that portion of the Parish of Lambeth situate westward of Kennington Road and Clapham Road and bounded on the south by the centre line of Dorset Road South Lambeth Road Miles Street [illegible] Elms Lane and on the north by Church Street and Lambeth Road to its junction with Kennington Road and also that portion of the Parish of Battersea lying to the eastward of the centre [illegible] Albert Road and of a line continued thence southward by [illegible] western wall of the [illegible] Battersea Park Road to the [illegible] of the Railway leading to Battersea and Kensington and to the northward of the London and South Western Railway.

Consisting of that portion of Lambeth to the southward of Leigham Lane Norwood Road, Lancaster Road and [illegible] boundary of the detached portion of Streatham.

Consisting of that part of the Parish of Lambeth lying north of the northern boundary of the Districts Nos [illegible] and 3[illegible]

41 Consisting of that part of Camberwell situate north of the Grand Surrey Canal, and east of the Old Kent Road.

Consisting of the Parish of St Nicholas Deptford and so much of the Parish of St Paul Deptford, in Kent as lies to the northward of a line drawn along the centre of New Cross Road, the Broadway, and Deptford Bridge.

44 Consisting of the remaining portion of the Parish of St. Paul, Deptford, in Kent.

51 Consisting of that portion of the Parish to the northward of a line drawn along the centre of King's Road and Sloane Square.

Consisting of that portion of the Parish to the southward of such line together with the detached portion of Kensington near to Chelsea Hospital.

Consisting of that part of the Parish of Kensington, and also that portion of the Parish of St Margaret Westminster adjoining thereto lying on the south side of Knightsbridge and [illegible] Kensington Gore, Kensington High Street, and Kensington Road and on the eastward side of Earl's Court Road and Redcliffe Gardens.

Consisting of that part of the Parish of St Mary Abbott, Kensington, to the northward of Kensington High Street and Kensington Road and westward of a line drawn along the centre [illegible] Gardens [illegible] Earl's Court Road, and the detached portion of St. Luke's, Chelsea, to the northward of the Parish of Kensington, at Kensal Green.

Consisting of that part of the Parish of [illegible] lying north of a line [illegible] centre of London Road and along the eastern side of the [illegible] railway [illegible] Stanstead Road and thence following the centre of that road and Catford Road, and southward of the churchyard to Cock Shed Lane, and thence to the eastern boundary of the said Parish.

56 Consisting of that part of the Parish of Lewisham lying south of the Lewisham District.

Consisting of that part of Streatham (including the detached portion) situate to the eastward of the centre line of Brixton Hill Streatham Hill and Upper and Lower Streatham and that portion of Lambeth bounded on the north by the centre line of Leigham Lane Norwood Road, and Lancaster Road and on the west by the centre line of Brixton Road.

59 Consisting of that part of Streatham situate to the westward of the western boundary of District No. 58.

Consisting of that part of the Parish of [illegible] southward of the London and South Western Railway northward and westward of the boundary of the Parish of Clapham, and northward of Clapham Common and Battersea Rise.

Consisting of that part of the Parish of Battersea southward of Battersea Rise and westward of Clapham Common together with the detached portion of Clapham.

Consisting of that portion of the Parish of Battersea which lies on the northern side of the London and South Western Railway and to the westward of the boundary of the District No. 36.

Consisting of that portion of the Parish of Wandsworth which lies to the westward of the London and South Western Railway.

Consisting of the remaining portion of the Parish of Wandsworth to the eastward of the said line of Railway together with the Parish of Tooting Graveney.

67 Consisting of that part of the Parish to the eastward of a line drawn along the centre of Avenue Road and Finchley Road.

68 Consisting of that part of the Parish to the westward of the line lastly described.

ELECTRIC LIGHTING

The advantages of the electric light may be summed up in a few words by saying it is healthier than any other form of light because it does not vitiate the atmosphere. It is steadier as there is no flickering, and therefore does not tire the eyes; it is cooler, as it only produces one-twentieth the heat of gas, and one twenty-eighth the heat of wax candles; it is safer, as no matches are required to light it, and inflammable things cannot be set alight by it; it is prettier as it can be fixed in any position, and therefore lends itself readily to artistic decoration; and when made on a large scale it is said it can be made cheaper than gas. It must, however, be added, that the last claim has not, up to the present, been verified. Those companies who are now supplying electricity for lighting charge a higher rate than gas, but it may be partly owing to the fact that those using it are always willing to pay considerably more for it than its rival.

"The generating machinery for electric lighting has already reached a high degree of perfection. Steam engines and dynamos are now made to return in the shape of electricity from 75 to 82 per cent. of the energy put into the cylinder of the steam-engine. Having already obtained such high efficiencies, very small advantages can be hoped for to the consumer from further improvements in either generating or distributing plant. Doubtless great improvements will be made in the manufacture of the incandescent lamps. They may be made vastly more efficient, but every man using the electric light will be able to avail himself continuously of the improvements of the lamps by putting them in as his old ones wear out; so there is no reason why he should put off using the light on this account."

GAS FITTERS' MEMORANDA.

On laying gas-pipes a slight rise should be given them throughout their whole length, because of the condensation from the gas which accumulates in them.

Siphons, with a draw-off tap, or tee pipes with stopped ends, should be placed wherever there is a depression in the pipes to receive the condensation.

Sizes of Pipes.—The following are the sizes of pipes most generally in use:—$\frac{1}{4}$ inch diam. for 2 lights; $\frac{3}{8}$ inch diam. for 6 lights, $\frac{1}{2}$ inch diam. for 12 lights; $\frac{3}{4}$ inch diam. for 25 lights; 1 inch diam. for 50 lights, $1\frac{1}{4}$ inch for 70 lights; $1\frac{1}{2}$ inch diam. for 120 lights, and 2 inch diam. for 200 lights.

Gas pipes should not be buried in the plaster of walls, but be exposed, or laid where they can be easily got at in case of leakage.

Gas jets should not be placed nearer to a ceiling than three feet, or to wood work at sides ten inches.

Gas light intercepted by Glasses.—Common window glass intercepts light about 10 per cent., ground glass about 25 per cent., and opal globes from 40 to 50 per cent.

Light decreases in the ratio of the square of its distance from its source.

FLOORS

TABLE OF WOOD GIRDERS, BINDERS, AND JOISTS, IN BALTIC FIR.

Length of bearing in feet.	Girders. 10 feet apart.		Binders. 4 to 6 feet apart.		Joists. foot apart.		Ceiling Joists. 1 foot apart.	
	Depth in ins.	Breadth in ins.	Depth in ins.	Breadth in ins.	Depth in ins.	Breadth in ins.	Depth in ins.	Breadth in ins.
4		—	—	..		—	$2\frac{1}{2}$	$1\frac{1}{2}$
[illegible]	—	—	6	4	6	2	$3\frac{1}{2}$	2
8	—	—	7	$4\frac{1}{2}$	7	$2\frac{1}{4}$	4	2
10	9	7	8	5	$7\frac{1}{2}$	$2\frac{1}{2}$	5	2
12	10	8	9	$5\frac{1}{2}$	8	$2\frac{1}{2}$	6	$2\frac{1}{2}$
14	11	9	10	6	9	[illegible]	—	—
16	12	10	11	$6\frac{1}{2}$	$10\frac{1}{2}$	[illegible]	—	—
18	12	11	12	7	12	[illegible]	—	—
20	13	11	13	$7\frac{1}{2}$	12	[illegible]	—	—
24	15	12	—		—		—	—
26	16	12	—				—	—
28	16	13	—				—	—
30	16	14					—	—

INDIAN INK.

Indian Ink.—By adding a moderately strong solution of Bicarbonate of Potash to Indian Ink, the ink will be so fixed that colour washes over it without it lifting or smearing.

IRON AND STEEL CONSTRUCTION.

COLUMNS.

Columns with ends flat and fixed are three times stronger than columns with rounded or movable ends. This ratio decreases with columns under 30 diameters to about $1\frac{1}{2}$ times at 12 diameters. A column with fixed ends equals in strength a column with movable ends of half its length. A column with one end fixed and one round, or movable, is in strength a mean between columns with both ends fixed and both round. The strength of solid columns, with rounded ends, is increased about 1-7th by enlarging the diameter in the middle, but enlarging the diameter of hollow columns in the middle or at the end does not increase their strength.

Columns with flat ends, when not exceeding five diameters for cast iron, and ten diameters for wrought iron, yield wholly by crushing, and when from 5 to 30 diameters for cast iron, and 10 to 60 diameters for wrought iron, yield partly by crushing and partly by bending.

For very long columns the breaking weight of wrought iron is considerably more than of cast iron of the same dimensions. Columns of steel have about double the strength of those of iron.

TESTS OF QUALITY.

Tests for Cast Iron.—The surface of a casting should be smooth and even, the edges clean and perfect. A new fracture should present a fine-grained texture, have bright metallic lustre, and be of a uniform blue-grey colour. Should be free from air bubbles, scoriæ, flaws, and other defects. Flaws and air bubbles at times get filled in with sand, or are purposely stopped in. These defects may be detected by a dulness of sound on the metal being struck. The edges of a casting struck with a light hammer should receive a slight impression indicating that it is tough. If it fracture, the metal is hard and brittle. Test bars of the same metal as castings are sometimes run for the purpose of testing.

Tests for Wrought Iron.—Subject it to sudden blows by a falling weight to test its toughness. To tensile strain to test its ductibility, it should stretch before fracture. Soak a bar of iron for a few days in very weak muriatic or nitric acid, which will render its fibrous structure visible, and in best iron its fibres will appear fine, straight, and lie regularly side by side; in inferior iron the fibres will be coarser and not so regular in arrangement.

Tests for Steel are the same as for wrought iron.

PRESERVATION OF IRON

Galvanizing consists of a thin coating of zinc, applied by steeping the heated iron in chloride of zinc to act as a flux, and then dipping it into molten zinc.

There are other processes for the preservation of iron, for which refer to the Index to the Complete Catalogue.

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ENGLISH STEEL JOISTS.

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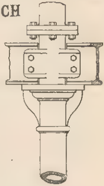

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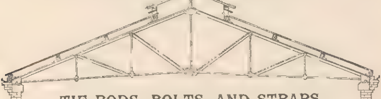
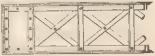


TIE-RODS, BOLTS, AND STRAPS.

LATTICE GIRDERS.



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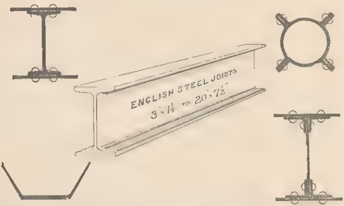

ALL OUR STEEL IS MANUFACTURED BY THE "SIEMENS-MARTIN" PROCESS, AND HAS A TENSILE STRENGTH OF 28 TO 32 TONS ON THE SQUARE INCH.

BOOKS OF SECTIONS & OTHER INFORMATION CAN BE OBTAINED ON APPLICATION.

TABLE OF SAFE LOADS, See next Page.

DORMAN, LONG & CO., LTD.,

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STOCK YARD, NINE ELMS LANE, S.W.

Table of Strengths of Rolled Steel Joists and Compound Girders.

ROLLED STEEL JOISTS.

No. of Section	[illegible]	Normal [illegible]	Distributed Load a ft. will carry, being [illegible] of the breaking strain			Lengths usually kept in Stock.
G 1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	20 to 40 ft
G 2	5	[illegible]	[illegible]	[illegible]	[illegible]	20 ,, 45
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10 ,, 50
G 3	[illegible]	[illegible]	494·67	371·01	296·8	10 ,, 50
G 4	[illegible]	[illegible]	575·05	438·79	351·03	10 ,, 50
G 5	12	[illegible]	393·01	294·76	235·81	10 ,, 45
G	7	[illegible]	528·91	396·38	317·34	10 ,, 45
G	[illegible]	[illegible]	429·27	321·95	257·56	20 ,, 30
G	[illegible]	[illegible]	[illegible]	246·68	197·35	10 ,, 40
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10 ,, 45
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10 ,, 40
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10 ,, 4[illegible]
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10 ,, 40
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10 ,, 40
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10 ,, 40
G	[illegible]	[illegible]	[illegible]48	151·11	120·89	10 ,, 30
G	[illegible]	[illegible]	201·12	150·84	120·67	10 [illegible]
G	[illegible]	[illegible]	224·97	168·73	134·98	10 [illegible]
G	[illegible]	[illegible]	342·61	256·96	205·56	15 [illegible]
G 13	[illegible]	[illegible]	118·54	88·91	71·12	15 [illegible]
G	[illegible]	[illegible]	108·[illegible]	[illegible]	[illegible]	[illegible] ,, 40
G	[illegible]	[illegible]	166·86	125·14	100·11	10
G	[illegible]	[illegible]	130·2	97·65	78·12	10
G	[illegible]	[illegible]	100·41	[illegible]	[illegible]·24	10 [illegible]
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10 [illegible]
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10 [illegible]
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10 [illegible]
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10 [illegible]
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10 [illegible]
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10 [illegible]
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10 [illegible]
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10 [illegible]
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10 [illegible]
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10 [illegible]
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10 [illegible]
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10 [illegible]
G	[illegible]	[illegible]	[illegible]	[illegible]	19·20	10 [illegible]
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10
G	[illegible]	[illegible]	[illegible]	[illegible]	11·0	10
G	[illegible]	[illegible]	[illegible]	[illegible]	7·73	10
G	[illegible]	[illegible]	[illegible]	[illegible]	14·31	10
G	[illegible]	[illegible]	[illegible]	[illegible]	7·00	10
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10
G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10

COMPOUND GIRDERS.

No of Section	Weight per [illegible]	Size in [illegible]	Compounded of	Distributed Load [illegible] will carry, being [illegible] of the breaking strain
[illegible]	[illegible]	[illegible]	[illegible] in Plate	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

N.B. By dividing the Loads that a foot will carry by the number of feet clear span the actual Distributed Load is at once obtained.

JOISTS AND COMPOUNDS SHOULD NOT BE SELECTED HAVING A DEPTH LESS THAN ONE-TWENTIETH OF THE SPAN.

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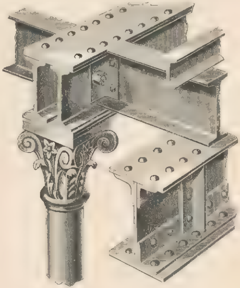

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3⅛ inch × 1[illegible] inch.	5 inch × 4½ inch.	8 inch × 5 inch.	12 inch × 5 inch.
3 „ × 3 „	6¼ „ × 2 „	8 „ × 6 „	12 „ × 6 „
4 „ × 2 „	6¼ „ × 3 „	9 „ × 4 „	14 „ × 5½ „
4 „ × 3 „	6 „ × 5 „	10 „ × 5 „	15 „ × 5⅞ „
4¾ „ × 1¾ „	7 „ × 4 „	10 „ × 6 „	15¾ „ × 6⅛ „
5 „ × 3 „	8 „ × 4 „		

COMPOUND GIRDERS

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ARCH. COM. L L

Cast Iron Columns.

Table of safe loads at about 1-10th breaking weight in Tons and Cwts. Ends flat and fixed.

HOLLOW COLUMNS. Length in Feet.

Diameter in Inches	Thickness of Metal	6	8	10	12	14	16	18	20	25
			T. C.	T. C.	T. C.	T. C.	T. C.	T. C.	T. C.	T. C.
3	[illegible]	5·16	4·0	3·4	2·7	1·15	1·8	1·3	1·0	·14
3	[illegible]	6·18	4·14	3·10	2·12	2·0	1·12	1·6	1·2	·16
3	[illegible]	7·16	5·8	3·16	2·16	2·4	1·14	1·8	1·3	·17
4	[illegible]	10·18	8·0	6·0	4·14	3·12	3·8	2·16	2·3	1·10
4	[illegible]	13·5	9·5	7·5	5·10	4·10	3·18	3·5	2·15	1·15
4	[illegible]	15·5	11·5	8·10	6·10	4·15	3·15	3·5	2·15	1·15
4	[illegible]	16·0	12·15	9·10	7·5	5·15	4·10	3·15	3·3	2·0
4	1	18·15	14·0	10·10	8·0	6·10	4·15	4·0	3·5	2·5
5	[illegible]	16·15	13·5	10·7	8·5	6·12	5·6	5·0	4·0	2·12
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	⅞	27·0	21·5	16·15	13·5	10·15	8·15	7·10	6·0	4·0
5	1	29·16	23·10	18·10	14·15	11·16	9·10	7·10	6·8	4·5
5	1¼	35·0	27·10	21·15	17·5	14·0	10·15	8·15	7·10	4·10
6	[illegible]	22·15	19·0	15·10	12·12	9·10	8·13	7·7	6·3	4·5
6	[illegible]	28·0	23·5	19·0	15·10	12·15	10·10	9·0	7·10	5·15
6	[illegible]	32·15	27·0	22·5	18·5	15·0	12·10	10·6	8·12	6·7
6	⅞	37·5	31·0	25·10	20·15	17·0	14·5	12·0	10·5	7·0
6	1	41·10	34·10	28·5	23·3	19·0	15·15	13·4	11·3	7·10
6	1¼	[illegible]	[illegible]	33·10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	1½	56·5	46·10	38·5	31·5	26·0	21·10	18·0	15·5	10·10
7	[illegible]	35·10	30·15	26·0	22·0	18·10	15·10	13·5	11·10	9·0
7	[illegible]	41·15	36·0	30·10	25·15	21·12	18·6	15·14	12·10	9·0
7	⅞	47·15	41·0	34·15	29·5	24·10	21·0	[illegible]	[illegible]	10·15
7	1	53·12	46·3	39·0	33·0	27·15	23·10	20·0	17·5	11·0
7	1¼	64·0	55·5	46·15	39·10	33·0	28·4	24·0	20·10	14·0
7	1½	73·15	63·10	53·15	45·5	38·5	32·10	27·10	23·15	16·15
8	[illegible]	43·10	38·10	33·10	28·15	24·15	21·10	18·10	16·0	13·0
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21·15	[illegible]
8	1	66·0	58·0	50·0	43·0	37·0	32·0	28·0	24·10	16·10
8	1¼	[illegible]	70·0	61·0	[illegible]	45·0	[illegible]	33·15	[illegible]	[illegible]
8	1½	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	60·0	54·0	48·0	43·0	37·0	33·0	29·0	24·0	18·10
9	⅞	69·0	63·0	55·5	49·10	43·0	37·5	32·0	29·0	21·2
9	1	78·0	[illegible]	62·10	55·6	48·0	42·6	37·0	32·10	23·0
9	1¼	94·10	85·0	76·0	66·10	58·6	51·0	44·10	39·10	29·0
9	1½	109·10	99·0	88·0	77·10	67·10	59·10	52·0	45·10	33·10
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31·10
10	1¼	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57·0	[illegible]	[illegible]
10	1½	127·10	117·0	106·0	95·0	84·10	75·0	66·10	59·0	44·10
11	1	102	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51·10	39·10
11	1¼	124·10	115·10	106·0	96·0	87·0	78·0	70·0	63·0	48·0
11	1½	145·10	135·10	124·0	113·0	102·0	91·10	82·0	73·10	56·10
12	1	115·0	107·0	97·0	91·10	83·0	76·0	68·10	62·0	48·10
12	1¼	[illegible]	[illegible]	118·10	[illegible]	[illegible]	93·0	84·0	[illegible]	[illegible]
12	1½	165·0	153·10	139·0	131·0	118·10	108·10	98·10	89·0	69·0

SOLID COLUMNS. Length in Feet.

Diameter in Inches	8	10	12	14	16	18	20
	T. C.	T. C.	T. C.	T. C.	T. C.	T. C.	T. C.
1½	·10	·6	·5	·4	·3	·2	·1
1¾	·17	·12	·8	·6	·5	·4	·3
2	1·8	·19	·14	·11	·9	·7	·6
2¼	2·3	1·9	1·1	·16	·13	·10	·9
2½	3·2	2·3	1·11	1·4	·19	·16	·13
2¾	4·9	3·1	2·5	1·14	[illegible]	1·2	·19
3	6·2	4·3	3·1	2·7	1·17	1·10	1·5
3½	10·12	7·5	5·6	4·2	3·5	2·13	2·4
4	17·3	11·14	8·12	6·12	5·6	4·6	3·12
4½	23·4	17·18	13·3	10·2	8·1	6·12	5·10
5	34·14	26·4	19·4	14·15	11·15	9·13	8·1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6½	66·10	54·16	45·2	38·0	30·6	24·16	20·15
7	81·0	67·0	56·4	49·13	39·10	32·7	27·1
7½	97·10	81·10	68·10	58·10	50·10	41·10	34·14
8	115·10	97·10	83·0	71·0	64·0	52·10	43·10
8½	135·10	115·10	98·10	85·0	74·0	65·0	54·10
9	158·10	136·0	117·10	101·10	88·10	80·0	66·10
9½	180·10	156·0	135·0	117·10	102·10	90·10	81·10
10	205·10	178·10	155·10	136·0	119·0	105·10	94·0
11	273·0	241·0	214·10	189·0	166·10	148·0	132·0
12	[illegible]	300·0	[illegible]	235·10	212·10	191·10	171·10
13	408·10	368·10	331·10	296·10	266·10	241·10	214·10
14	470·10	442·10	402·0	361·10	327·0	298·0	270·10
15	571·10	524·0	479·0	433·10	394·10	362·0	330·0

HODGKINSON'S FORMULA.

(Ends flat and fixed.)

Where D = Diameter of Column in inches.
,, d = Internal diameter of column in inches.
,, L = Length of Column in feet.
,, W = Breaking Weight in tons.

Solid Columns, $W = 44{\cdot}16 \dfrac{D^{3 \cdot 6}}{L^{1 \cdot 7}}$

Hollow Columns, $W = 44{\cdot}16 \dfrac{D^{3 \cdot 6} - d^{3 \cdot 6}}{L^{1 \cdot 7}}$

The strength of a Hollow Column nearly equals the difference between that of two solid columns the diameters of which are equal to the external and internal diameters of the hollow one.

Strength of short Column in which L is less than 30 D. Let W = breaking weight of Column as found from formula above. C = crushing force per square inch of section of the metal × sectional area of column.

Then corrected breaking weight $= \dfrac{W\ C}{W + \frac{3}{4}C}$

The crushing strength of Cast Iron per square inch of section is 40 tons.

The outside of a solid Cast Iron column of small diameter is harder and stronger than the inside; in one specimen Mr. Hodgkinson found the crushing strength vary from 29·6 tons per square inch to 39·06 tons, and thin rings of the same Iron had a crushing strength of from 49·2 to 51·75 tons per square inch. The difference of hardness, however, between external and internal parts of large columns is much less than in small ones, and may be generally neglected. Three columns having the same sectional area, but of round, square, and triangular forms are of the following strengths respectively, viz.:—55299 : 51537 : 61056.

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MEASURES BROS., LTD.,

3 in. to 20 in. deep.

TELEPHONE No. 4,586.

SOUTHWARK STREET, S.E.,

Have in **Stock 6,500 Tons** of **Rolled Steel Joists, Plates, Angles, Tees, Channels,** &c., of **Siemens-Martin, Bessemer,** and **Basic Steel Manufacture,** and have supplied the **Constructional Ironwork** for numerous Public Buildings, some of which are given below:—

NATIONAL SAFE DEPOSIT Co., LONDON; "TIMES" OFFICE; CASSELL & Co.;
FOSTER PORTERS (Site of the Great Fire in Wood Street);
CLYDESDALE BANK, GLASGOW; AMICABLE ASSURANCE Co. OFFICES, GLASGOW
HONG KONG & SHANGAI BANK, HONG KONG;
BANK OF SCOTLAND, FINE ARTS GALLERY, GLASGOW; ROBINSON'S BUILDINGS, GLASGOW;
BLACKIE & Co.; "GLASGOW HERALD" OFFICE; BONDED WAREHOUSE, GLASGOW;
SIR RICHARD WALLACE'S PICTURE GALLERY, LONDON;
JOHNSTON & Co., PUBLISHERS, EDINBURGH;
AND MESSRS. HOWELL & Co.'s NEW PREMISES, LUDGATE HILL (*See Photographs.*
AND MANY OTHER LARGE BUILDINGS ALL OVER THE WORLD.
ALSO TO THE WAR OFFICE ADMIRALTY, AND PRISON DEPARTMENTS.

WE HAVE A

LARGE STOCK OF CAST IRON COLUMNS,

Varying from 3 inch to 6 inch diameter, WITH LOOSE CAPS.

ALSO OF

BOLTS, NUTS, COACH SCREWS, BOLT ENDS, UNTAPPED NUTS, AND WASHERS.

ALL SECTIONS OF STEEL JOISTS KEPT IN STOCK AND ARE THE BEST AND CHEAPEST IN THE MARKET.

Girders can be made of Stock Sections in a Few Hours.

6,500 TONS OF ROLLED STEEL JOISTS, PLATES, &c., ALWAYS IN OUR LONDON STOCK.

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SOUTHWARK STREET,

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MEASURES BROS., LTD., have in Stock **6,500 Tons of Steel I Angles, Tees, Channels,** and **Plates.**

They can supply from Stock 100 Ton Orders in 24 hours by special arrangement, and Girders can be made from Stock Sizes in Iron or Steel for prompt delivery.

SECTION OF STEEL JOISTS.			SECTIONS OF STEEL ANGLES, TEES AND CHANNELS.		
			L	⊥	⊔
in. in.	in. in.	in. in.	in. in.	in. in.	in. in.
19⅝ × 7½	10 × 4½	6 × 4½	7⅞ × 4	5⅛ × 5¾	11¾ × 3
17¾ × 6¾	9½ × 4½	6¼ × 3⅜	6 × 6	4 × 4¼	9⅞ × 3 3/16
15⅜ × 6 3/16	9½ × 4	6½ × 2	5⅝ × 3⅜	5⅛ × 2⅞	9¼ × 3½
15 × 5½	9 × 7	5 × 4½	5 × 3¾	3 × 3	7⅞ × 3⅜
13 11/16 × 5½	8 × 6	5 × 3	4 × 3⅜	2¼ × 2¼	5¾ × 2⅝
12 × 6½	8 × 5	4¾ × 1⅝	4 × 4	2 × 2	4⅛ × 2½
12 × 6	8 × 4	4 × 3	3½ × 3½	1½ × 1½	2⅞ × 1 3/16
12 × 5	7 × 3¾	4 × 1¾	3 × 3	1 × 1	1½ × ⅝
10 × 6	7 × 2½	3 × 3	2½ × 2½		1¼ × 1 1/16
10 × 5	6 × 5	3 × 1½	2 × 2		
			1½ × 1½		

ROOFS, BRIDGES, COLUMNS, SASHES, AND EVERY DESCRIPTION OF WROUGHT AND CAST IRONWORK.

Rolled Iron Joists and Girders.

Table of safe distributed loads in Tons, and decimal parts of a ton, at about quarter breaking weight.

SECTION.	Depth.	Width.	Weight per foot.	BEARING IN FEET.															
				6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
	Ins.	Ins.	Lbs.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
	3	1¾	5	0·8	0·6	0·5	0·4				..	.	..	.	.	.	.	.	.
	3	3	1[illegible]	[illegible]	1·4	1·1	1·0	0·8		.	..	.	.	.	.	..	.	..	..
	4	1¾	7	1·[illegible]	1·4	1·0	0·9	0·7		.	..	..	.			..		..	..
	4	3	12	3·1	2·5	1·9	1·5	1·3	1·3	1·1	..	..	..	.			..	..	..
	4¾	1¾	8	2·3	1·7	1·4	1·0	0·9	0·8	0·7	..	..	.	.	.		..	.	.
	4¾	3	13	4·1	3·0	2·5	2·0	1·8	1·6	1·4	..	..	.		..	.	..	.	..
	5	4½	23	7·0	6·0	4·4	4·0	3·5	3·1	2·5	..	..			.	.	..	..	.
	6	5	29	11·5	8·8	6·8	5·9	4·9	4·3	3·5	..	.			.	..	..		.
	6¼	3¼	16	6·0	4·5	4·0	3·3	2·8	2·4	2·1	1·9	..	.	.	.	..	.		
	6¼	2	11	4·1	3·0	2·4	2·0	1·7	1·5	1·4	1·2	.				..		.	.
	7	3¾	20	9·3	7·0	6·0	4·7	4·2	3·5	3·1	2·8	2·5	4·3		.	..	.	.	.
	7½	2¼	1[illegible]	[illegible]·5	4·[illegible]	3·3	2·9	2·4	2·0	1·8	1·6	1·5	1·4	.		..		.	.
	8	2¾	15	9·3	7·5	5·5	4·5	3·6	2·8	2·5	2·0	1·9	1·6	.	.	..	..	.	
	8	4	22	13·0	9·8	7·8	6·5	5·6	5·0	4·3	4·0	3·6	3·2			..	.		.
	8	5	29	15·4	11·5	9·3	7·7	6·8	5·8	5·2	4·6	4·0	3·8		3·3		.	.	.
	8	6	36	18·0	14·9	11·5	9·4	8·3	7·0	6·0	5·6	5·0	4·7	4·3	[illegible]		..	.	
	9¼	3¾	24	13·5	10·0	8·0	7·0	6·0	5·0	4·5	4·2	3·8	3·5	3·[illegible]	3·[illegible]		.	.	
	9¼	4½	20	1[illegible]·6	15·6	11·6	9·5	8·3	7·3	6·4	[illegible]·8	5·3	4·8	4·4	4·1	.		.	
	10	4½	32	22·0	1[illegible]·0	13·0	11·0	9·3	8·5	7·2	6·5	5·9	5·4	5·0	[illegible]		.	..	.
	10	5	46	24·0	18·0	14·8	1[illegible]·0	10·6	9·0	8·2	7·3	6·7	6·7	5·7	[illegible]			..	
	10	6	56	30·0	24·0	19·0	16·[illegible]	13·[illegible]	12·0	10·5	9·5	8·6	7·9	7·2	6·[illegible]	6·[illegible]	5·7	..	
	12	5	42	35·9	20·7	21·7	18·0	15·5	13·0	12·1	10·9	[illegible]	9·0	8·4	[illegible]	[illegible]	6·5	..	..
	12	6	50	41·0	33·0	26·8	2[illegible]·0	18·7	16·0	14·8	13·2	12·2	11·0	10·0	9·[illegible]	8·[illegible]	8·2	7·5	..
	14	6	60	50·0	38·0	30·0	25·4	22·0	[illegible]	17·0	15·4	13·6	12·7	11·7	10·[illegible]	[illegible]·0	9·5	9·0	..
	16	6	62	61·0	45·0	35·0	30·0	[illegible]·0	23·1	20·0	18·3	[illegible]	[illegible]	14·[illegible]	1[illegible]·2	[illegible]	11·6	10·9	..
	18	7	82	66·6	50·0	40·0	33·3	28·7	25·0	2[illegible]	20·0	18·0	16·[illegible]	1[illegible]	14·4	13·[illegible]	12·[illegible]	11·8	11·1
	20	8	100	90·0	67·0	54·0	45·0	35·6	34·7	30·0	2[illegible]·0	[illegible]·5	22·5	20·8	19·3	18·0	16·8	15·9	15·0
	12	5	60	..	..	24·0	20·0	17·0	15·1	13·[illegible]	11·[illegible]	10·9	10·0	9·2	8·[illegible]	8·0	..	.	..
	14	3¾	42	..	.	..	16·5	14·0	1[illegible]·3	10·[illegible]	9·8	8·[illegible]	8·[illegible]	7·[illegible]	[illegible]	6·6		.	..
	14½	4½	54	..	..		23·7	19·8	17·5	15·8	14·2	12·8	11·[illegible]	11·0	10·1	9·4	8·9	8·3	7·9
	16	4	46	..	.		23·3	19·5	17·2	15·1	14·6	12·3	11·6	11·5	[illegible]·8	8·9			..
	16	5	6[illegible]	..		38·0	31·2	26·5	23·5	21·0	19·0	17·0	15·7	13·6	13·5	[illegible]	11·8	11·0	10·5
	18	6	72	..		42·0	35·0	30·0	26·4	24·6	2[illegible]·1	1[illegible]·2	17·[illegible]	16·[illegible]	15·0	14·0		..	..
	18½	3¾	50	..	..	..	24·5	20·5	18·2	16·3	14·7	13·3	12·4	11·4	10·[illegible]	[illegible]·8	.	..	..
	20	5	70	.	.	..	..	32·0	28·4	25·2	22·7	20·0	18·7	17·3	16·[illegible]	1[illegible]·0		..	..
	24	5	88		.	..	..	..	47·6	42·5	37·6	34·1	31·[illegible]	29·6	27·[illegible]	25·2	23·8	22·4	21·1
	8½	6	34	..	..	10·9	9·1	7·8	6·8	6·1	5·4	5·0	5·6	4·2		..	..	..	..
	9¼	6	45	.	..	14·4	12·1	9·4	8·4	[illegible]·5	6·8	5·6	4·6	4·3	4·0	..	..	..	..
	10½	6	44	..	..	20·9	17·4	14·8	12·7	1[illegible]·0	9·4	8·3	7·6		..	..	..	..	..
	12½	8	57	..	..	30·3	25·3	21·7	19·0	16·[illegible]	15·0	13·7	12·0	11·3	10·[illegible]	.	.		.
	14½	12	84	..	..	..	..	[illegible]0·0	20·0	23·[illegible]	20·0	18·0	17·0	1[illegible]·0	15·0	.	.	..	.
	8¼	6	48	.	..	8·9	7·4	6·4	5·6	4·9	4·4	..	..	.	..	..		[illegible]	..
	9¼	6	51	..	..	10·[illegible]	9·0	7·9	6·9	6·0	5·4	4·9	.	.	.	.	..	.	..
	9¾	8	67	..	.	15·7	13·0	11·2	9·8	8·7	7·8	7·1	6·5	.	..		.	..	..
	10¼	8	67	..	..	21·9	18·0	15·8	13·8	12·1	10·0	9·8	9·1	8·[illegible]	[illegible]·8	..	..	..	..
	11	9	63	..	..	2[illegible]·0	21·6	18·6	16·7	14·4	13·0	11·6	10·[illegible]	9·[illegible]	9·6		..	..	.
	13	12	99	..	..	44·0	37·4	31·8	2[illegible]	2[illegible]·6	[illegible]	20·0	15	1[illegible]·1	15·9	14·7	..	.	
	13½	10	88	.	..	32·2	26·8	23·0	20·0	17·5	16·1	14·6	13·4	12·[illegible]	[illegible]·5	10·7	..	.	..
	7½	9	56	.	..	19·[illegible]	1[illegible]·6	14·4	1[illegible]·1	10·3	[illegible]·8	..			.			..	.
	[illegible]	8	65	.	..	..	21·0	1[illegible]·8	15·[illegible]	13·[illegible]	12·6	11·4	10·5	9·6	[illegible]·0		.	..	..
	10½	12	86	.	.	..	32·4	27·9	21·3	[illegible]	19·5	17·7	16·2	1[illegible]·8	1[illegible]·8		..	..	..
	12½	12	110		.	..		48·0	41·0	[illegible]	34·0	30·0	28·0	[illegible]	[illegible]·0	22·0	..	..	..
	14½	16	155	.	..	..	..	[illegible]5·0	63·0	54·0	48·0	44·0	41·0	38·0	[illegible]	33·0	..		..
	7	14		..	..	..	25·0	21·4	1[illegible]·3	1[illegible]	15·0				..		.	..	..
	11⅝	12	140	..	..	..	.	47·0	40·0	30·2	3[illegible]	20·7	27·6	25·[illegible]	23·5	..	.	..	..
	17	14	175	..	..	..	102·7	79·5	69	6[illegible]·8	56·0	50·[illegible]	40·2	[illegible]	39·0	36·9	33·0	32·0	30·0
	14	12	172	..	..	..	.	68·5	59·[illegible]	[illegible]	48·0	42·9	39·0	3[illegible]·8	34·3	33·1	29·9	28·1	..
	10½	16	130	..	..	.		41·9	3[illegible]·5	32·5	29·5	26·5	[illegible]·3	22	20·9	19·0	..	..	..
	12½	16	[illegible]00	..	..	..	..	84·0	67·0	54·0	45·0	40·0	30·0	[illegible]	33·0	32·0	..		..
				6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36

LIGHTNING CONDUCTORS

Lightning conductors have been used in the form of a tube, a ribbon of plaited wire, a rope of twisted wire, a solid rod, and a tape.

The efficiency of a conductor is in proportion to the sectional area of the metal.

Copper having a high relative conductivity, being easily malleable, and comparatively free from oxidation when exposed to the atmosphere is almost exclusively the metal used for the purpose in Great Britain. The following may be taken as the average result of researches by some leading authorities into the conducting power of different metal, taking copper at 100. Copper, 100·00; silver, 87·14; gold, 81·35; zinc, 30·90, iron, 16·50, lead, 10·00. The upper terminal of a lightning conductor should be in the form of a sharp point, or a cluster of sharp points, as this form draws most readily the electric charge of a cloud, and by thus reducing the tension of an electric cloud, not infrequently a stroke of lightning is prevented.

The best form of conductors are those in the shape of ropes or tapes, as being made in long lengths without joints they are less liable to get out of order than jointed ones.

The earth termination should be taken some depth, and into moist ground or water, and have a large area of contact. Where moist ground or water cannot permanently be secured, the following is found to be a satisfactory earth connection — carefully rivet and solder to the end of tape a large copper plate at least 9 square feet, and bury in a well packed with cinders or coke.

The possibility of lightning conductors getting out of repair necessitates their being occasionally tested; this is readily effected by means of a galvanometer and resistance coils.

When it is intended to protect a building, it is advisable to consult an expert, who should carefully examine the buildings or the plans; in the latter case these should show all the metal work used in construction.

LIMES, CEMENTS PLASTERS, ETC

Grey Chalk Lime.—Called in London stone lime, is feebly hydraulic, and is obtained from the lower chalk beds at Halling Dorking, Lewes, Petersfield, and Merstham. It is the lime generally used for mortar.

Cements.—There is no precise line between hydraulic limes and cements, the latter containing a larger proportion of clay than limes.

Natural Cements are calcined from stones containing carbonate of lime, or a mixture of carbonate of lime and magnesia, together with a proportion of from 30 to 50 per cent of clay, More than 40 per cent. however is injurious to the cements.

Roman Cement is made from argillo-calcareous kidney-shaped stones, called septarsa or nodules. The colour is a rich brown, which is no test of its quality. Roman cement is quick setting and weak, is rapidly reduced in strength by the addition of sand, and quickly becomes inert unless kept close and dry.

Hydraulic Cements are artificial cements made in a similar manner to hydraulic lime, but with a larger proportion of clay, silica, alumina, magnesia, &c. They do not slake after calcination, and some set under water at a temperature of 65 degrees in from 3 to 5 minutes, and others in as many hours.

Portland Cement.

The cement mostly used in England is made from chalk and clay mixed by what is known as the wet process Portland cement is also made by what is known as the dry process.

Good cement should be ground fine, should be heavy, and weigh from 95 to 130 pounds per striked bushel, and be of grey or greenish-grey colour Slow-setting cement is strongest. Sand used with cement should be perfectly clean and sharp

At the end of one year after setting, 1 of sand and 1 of cement is about ⅞ths the strength of neat cement. 2 of sand and 1 of cement is about ½ the strength of neat cement. 3 of sand and 1 of cement is about ⅓rd the strength of neat cement. 4 of sand and 1 of cement is about ¼th the strength of neat cement. 5 of sand and 1 of cement is about ⅙th the strength of neat cement.

Plasters.

The following are some of the plasters used.

Gypsum or hydrated sulphate of lime, is found in Cheshire, Derbyshire, Nottinghamshire, and Westmoreland, in England, and also extensively around Paris, and is the basis of most plasters.

Plaster of Paris is gypsum gently calcined till nearly the whole of the moisture is driven off.

Keen's Cement is Plaster of Paris soaked in a solution of alum and recalcined.

Parian Cement is gypsum calcined and powdered and mixed with a solution of borax, recalcined, ground, and mixed with a solution of alum.

There are two qualities of this cement, the "*superfine*" and the "*coarse*."

Martin's Cement is prepared in a similar manner to Parian cement, except that carbonate of potash is substituted for borax, and hydrochloric acid is sometimes added.

There are three qualities of this cement, "*superfine*," "*fine*," and "*coarse*"

Barrow Hydraulic Plaster possesses valuable characteristics which give it great advantages over the plaster in ordinary use, which, when well known, will lead to its extensive use. They are —

(1st.) Its non-absorbent property, which renders it especially suitable for use where the atmosphere is charged with contamination, or when the surface is to be painted over, it requiring fewer coats of paint to cover than ordinary plaster.

(2nd.) Its hydraulic property, which renders it suitable for use in damp places.

(3rd.) The absence of "*blowing*" in the work executed with it.

(4th.) Its cheapness, it being supplied at a cheaper rate than ordinary plaster, and requiring less labour in use, as the running of lime is avoided

Plasterer's Memoranda.

2 Hods Plaster, &c. (about)	= 1 Bushel.
3 Bushels of Ground Lime	= 1 Bag.
3 „ Blue Lias Lime Ground (Warwickshire)	= 1 Bag.
11 Bags „ „ „ „ „	= 1 Ton.
3 Bushels „ „ „ Selenitic „ „	= 1 Bag.
12 Bags „ „ „ „ „ „	= 1 Ton.
21 Bushels (striked) or 27 cubic ft. of Lime or Sand	= 1 Cubic yd.
3 Bushels of Roman or Lias Cement	= 1 Bag.
10 Bags „ „ „	= 1 Ton.
¾ full Bushel of Parian Cement	= 1 Hod.
36 Bushels of Sand	= 1 Load.
14 Lbs. Plaster	= 1 Bag.
7 Bags	= 1 Bushel.
1½ Bushel Plaster	= 1 Cwt.

Portland Cement.

2 Centals (200 lbs), custom of London Trade...	= 1 Bag.
2 Bushels (2 cwt.), „ Midlands „	= 1 Bag.
1 Cask varies from 375 to 400 lbs gross, general London custom for Export	= 400 lbs.
1 Cask of Portland holds about 4 cubic feet.	
10 Cwt Fire Clay	= 1 Cask.
1 Firkin Plaster	= ⅜ Cwt.
1 „ of Double Size	= 48 lbs
2 Dozen Whiting	= 1 Cwt

Single Laths are 3 ft or 4 ft long, and 1 in. × $\frac{3}{16}$ in

Lath-and a half Laths are ¼ in. thick, Double Laths, ⅜ in.

125 Laths, 4 ft long = 1 Bundle.

1 Bundle of Laths and 500 Nails will cover about 5 superficial Yards.

100 superficial Yards "once" done requires 12 lbs. Whiting, ½ lb. Blue Black, 1⅜ Gallons of Size.

100 superficial Yards, if "twice" done requires 21 lbs. Whiting, ⅝ lb. Blue Black, 2⅜ Gallons of Size.

Superficial Yards covered by Cement rendering

	½ in.	⅝ in.	¾ in.	⅞ in.	1 in.
1 Bushel of Cement	2¾	2⅜	2	1¾	1
1 do. of do. and 1 of Sand	4½	3¾	3⅛	2¾	2½
1 do. of do. and 2 "	6¾	5⅛	4¾	4	3½
1 do. of do. and 3 "	8¾	7½	6⅜	5⅜	4¾

⅝ inch is the usual thickness

1 Cubic Yard of Lime, 2 yards of Sand, and 3 Bushels of Hair will cover 75 yards of Render and set on Brick and 70 yards on Lath, or 65 yards Plaster or Render 2 Coats and set on Brick, and 60 yards on Lath.

PAINTERS' MEMORANDA

The surfaces to be painted must be prepared by killing knots in woodwork, stopping holes, making good defects, and rubbing down irregularities.

The following materials are mostly used in paints:—

Bases.—White lead, red lead, zinc white, oxide of iron. *Vehicles*—Oils, spirits of turpentine. *Solvents*—Spirits of turpentine. *Driers*—Litharge, acetate of lead, sulphate of zinc and binoxide of manganese, red lead, &c. *Colouring Pigments*—Ochres, lampblack, umber, sienna, and metallic salts.

For Priming—White lead sometimes mixed with chalk, diluted with linseed oil. *Knotting*—Red lead and size. *Putty* Spanish whiting and linseed oil, well beaten and kneaded into a stiff paste.

One Pound of knotting is allowed for 150 yards of painting on woodwork, one pound of putty for 20 yards of stopping; one pound of paint for four yards super first coat, and six yards super each additional coat

For Painting Iron the best paints are those formed of some of the oxides of iron.

To Remove Paint from Wood—2 lbs. of washing soda mixed with ⅓ bushel of quicklime, to the consistency of thick cream, spread on and kept moist for one hour.

PIPES.

Rules Relating to Pipes.

To find the Pressure per square inch of a Column of Water (Telford).—Multiply the height in feet by ·434

Example.—

Required the pressure in pounds per square inch of a column of water 100 feet high:—

100 × ·434 = 43·4 pounds per square inch.

A ready way of approximately ascertaining the pressure is to take half the height in feet, the difference being on the side of safety.

The pressure per circular inch may be found by multiplying the height in feet by ·341.

To find the Pressure of a Column of Water in Pounds.—If the base be circular, square the diameter in inches and multiply by ·34, which gives the weight of 1 foot in height; and multiply again by the number of feet in height, which gives the total pressure. If the base be square, multiply by ·434

Example.—

Required the pressure of a column of water 12 inches in diameter and 50 feet high:—

12 × 12 × ·34 × 50 = 2448·000 lbs if the base be circular.
12 × 12 × ·434 × 50 = 3124·800 " " " " square.

To find the Quantity of Water in a Pipe.—The square of the diameter in inches gives the weight of water in pounds for 3 feet in length, and by striking off one figure to the right the number of gallons is found.

Example—

Required the quantity of water which a pipe 12 inches in diameter and 9 feet long will contain

12 × 12 × 3 = 432 pounds, or 43·2 gallons.

To find the required Diameter of a Pipe to discharge a given quantity of water at a given speed per minute Multiply the number of cubit feet of water per minute by 144, divide by the velocity of flow in feet per minute, divide by ·7854 and take out the square root, which will give the diameter of pipe required

ROOFS.

Table of Scantlings of Wood Roofs.

King and Queen Post Trusses, 10 feet apart, Pitch, 27°; Slate Covering.

Span in feet.	Tie Beam.	Principal Rafters.	King Post.	Queen Post.	Small Queens.	Straining Beams.	Struts.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
20	9 × 4	4 × 4	4 × 4	..	..	..	4 × 2
22	9½ × 5	5 × 3	5 × 3	..	..	..	3¾ × 2½
24	10½ × 5	5 × 4	5 × 4	..	..	..	4 × 2½
26	11 × 5½	5½ × 4	5½ × 4	..	..	..	4½ × 2½
28	11½ × 6	6 × 4	6 × 4	..	..	..	4½ × 2¾
30	12 × 6	6 × 4½	6 × 4½	..	..	..	5 × 3
32	10 × 4½	5 × 4½	..	4½ × 4	..	6¾ × 4½	4 × 2
34	10 × 5	5 × 5	..	5 × 4	..	7 × 4½	4 × 2½
36	11 × 5	6 × 5	..	5 × 4	..	7 × 5	4¼ × 2½
38	11 × 5½	6½ × 5	..	5 × 5	..	7 × 5½	4½ × 2½
40	11 × 6	6½ × 6	..	6 × 4	..	7½ × 6	4½ × 2½
42	11½ × 6	6 × 6½	..	6 × 4½	..	8 × 6	4½ × 3
44	12 × 6	6 × 7	..	6 × 5	..	8½ × 6	4½ × 3
46	12½ × 6	6 × 7	..	6 × 5½	..	8½ × 6	4½ × 3
48	12 × 6	6 × 7¼	..	6 × 6	6 × 2	8 × 6	4½ × 2½
50	12 × 6	8 × 6	..	6 × 6½	6 × 2½	8½ × 6	4½ × 2¾
52	12 × 7	8½ × 7	..	6 × [illegible]	7 × 2¾	8½ × 6	4½ × 3
54	12 × 8	8½ × 7	..	7 × [illegible]	7 × [illegible]	9 × [illegible]	4¾ × 3
56	12 × 8½	8¾ × 7	..	7 × [illegible]	7 × 2½	9½ × 6	5 × 3
58	12 × 9	9 × 7	..	7 × 7	7 × 3	9½ × 7	5 × 3
60	13 × 9	9 × 7	..	7½ × 7	7 × 3	10 × 7	5 × 3

Purlins.

Bearing in feet	Distance apart in feet.			
	6	7	8	9
	Depth. Breadth.	Depth. Breadth.	Depth. Breadth.	Depth. Breadth.
6	6 × 3½	6 × 4	6½ × 4	6½ × 4½
7	6½ × 4	7 × 4	7½ × 4	7½ × 4½
8	7½ × 4	7½ × 4½	8 × 4½	8¼ × 5
9	8 × 5	8½ × 5	8½ × 5½	9 × 5½
10	8½ × 5½	9 × 5½	9 × 6	9½ × 6
11	9½ × 5½	10 × 5½	10 × 6	10½ × 6
12	10 × 6	10½ × 6½	10½ × 7	11 × 7
13	10½ × 6½	11 × 6½	11 × 7	12 × 7
14	11 × 6½	11 × 7	11½ × 7	12 × 7½
15	12 × 7	12 × 7½	12 × 8	13 × 8

Common Rafters (12 inches apart).

4 feet bearing, 3 in. × 1½ in; 6 feet bearing, 3½ in × 2 in.; 8 feet bearing 4 in. × 2½ in.; 10 feet bearing, 5 in. × 2½ in.; 12 feet bearing, 6½ in. × 2 in.; 14 feet bearing, 7½ in × 2½ in.

STONE.

Stones built into walls should be laid on their natural beds. In cornices and projecting mouldings the bed should be vertical and at right angles to the face of the wall. In arches the bed should be at right angles to the thrust of the arch.

A stone on its natural bed will bear a greater weight than with its bed placed vertically.

Tests.—Stone newly fractured should present a bright, clean appearance, with grains well cemented together. A rough test to prove whether a stone is likely to stand in the smoky atmosphere of towns is to soak it for a few days in dilute solution, containing one per cent. of sulphuric acid and hydrochloric acid

Mr C. H. Smith's test to find earthy matter in stone:—
"Break off a few chippings about the size of a shilling with a chisel and a smart blow from a hammer; put them in a glass about one third full of clean water; let them remain undisturbed at least half-an-hour. The water and specimens together should then be agitated by giving the glass a circular motion with the hand. If the stone be highly crystalline, and the particles well cemented together, the water will remain clear and transparent, but if the specimens contain uncrystallised earthy powder the water will present a turbid or milky appearance, in proportion to the quantity of loose matter contained in the stone. The stone should be damp, almost wet, when the fragments are chipped off."

TERRA COTTA

Natural terra cotta clay contains 60 to 65 parts of silica to about 28 parts of alumina. Terra cotta shrinks 1-8th to 1-12th in burning. It should be free from fire cracks, have lines true, its surfaces not chipped or rubbed after burning, and each piece should be properly chambered with cross pieces. Blocks should average 1 to 3 feet cube, never more than 4 feet, usually 12 in. to 16 in. long, 6 in. to 15 in. high, 4½ in. to 9 in. on bed, if hollow 1 in. to 2 in. thick. Large blocks should have a division of terra cotta across them; blocks required to bear weight should be filled with lime concrete or Roman cement (not Portland cement, which has a tendency to swell and burst the blocks). Joints should be joggled, stopped ends solid, beds even, and samples should show extreme limit of colour and evenness.

ROOFING TILES.

Amongst the best of this description are Broseley Tiles, the colour of which varies from pale strawberry red to dark brindle (a deep reddish brown), or even to blue, through an almost infinite gradation of colour, so that almost any colour can be obtained.

Old Broseley Tiles used on buildings two centuries and more ago are as good and sound as when first laid. They get their weathering quickly and are non-porous. Sizes, 10½ inch × 6½ inch × ½ inch, and weigh about 2½ lbs. each, and 11 inch × 7 inch × ½ inch, and weigh about 3 lbs. each. Pantiles are 13½ inch by 9½ inch × ½ inch, and weigh about 5½ lbs. each.

Per square foot of roofing requires 800 plain tiles laid to a 3 inch gauge, 700 tiles laid to a 3½ inch gauge, and 600 tiles laid to a 4 inch gauge, and 180 pantiles laid to a 10 inch gauge, 164 pantiles laid to an 11 inch gauge, and 150 pantiles laid to a 12 inch gauge.

One square of plain tiles weighs about 15 cwt.; and one square of pantiles about 8 cwt.

Fir tiling laths are 1½ inch × 1 inch; and oak tiling laths 1½ inch × ½ inch.

100 plain tile laths 5 feet long = 1 bundle.

12 pantile laths 10 feet long = 1 bundle.

One square of tiling requires 1 bundle of laths; 1½ hundred of nails; one peck of tile-pins; and 3 hods of mortar.

One square of pantiling requires 1 bundle of laths and 1½ hundred of nails.

FLOORING TILES

Geometrical, in plain colours. red, buff, grey, fawn, chocolate and black.

Vitreous, white dove, silver grey, blue, green, and pink.

Encaustic, for enrichment in floor designs, various colours inlaid and burnt in.

Ancient or Mediæval Encaustic, for Churches.

Ceramic Mosaic, for floors, very hard and durable.

HEARTH TILES

Enamelled in a great variety of colours in smooth, roughed, indented, and embossed bodies.

Printed and Painted Tiles

CLEANING TILES, STONEWARE, &c.

Stains or dirt adhering to Tiles, Stoneware, &c., may be removed by dilute Muriatic Acid ("Spirits of Salts"), care being taken that the acid is all wiped off, and, after washing, the superfluous moisture should be *wiped off* with a clean *dry cloth*.

VALUATION TABLE.

For purchasing Leases, Estates, or Annuities, showing the number of Years' Purchase to repay the Purchaser his Principal and Interest at the various Rates

	Years Purchase.							
	3 p. c.	4 p. c.	5 p. c.	6 p. c.	7 p. c.	8 p. c.	9 p. c.	10 p.c.
1	0·97	0·96	0·95	0·94	0·94	0·93	0·92	0·91
2	1·91	1·89	1·86	1·83	1·81	1·78	1·76	1·74
3	2·83	2·78	2·72	2·67	2·62	2·58	2·53	2·49
4	3·72	3·63	3·55	3·47	3·39	3·31	3·24	3·17
5	4·58	4·45	4·33	4·21	4.10	3·99	3·89	3·79
6	5·42	5·24	5·08	4·92	4·77	4·62	4·49	4·36
7	6·23	6·00	5·79	5·58	5·39	5·21	5·03	4·87
8	7·02	6·73	6·46	6·21	5·97	5·75	5·54	5·34
9	7·79	7·44	7·11	6·80	6·52	6·25	6·00	5·76
10	8·53	8·11	7·72	7·36	7·02	6·71	6·42	6·15
11	9·25	8·76	8·31	7·89	7·50	7·14	6·81	6·50
12	9·95	9.39	8·86	8·38	7·94	7·54	7·16	6·81
13	10·64	9·99	9.39	8·85	8·36	7·90	7·49	7·10
14	11·30	10·56	9·90	9.30	8·75	8·24	7·79	7·37
15	11·94	11·12	10·38	9·71	9·11	8·56	8·06	7·61
16	12·56	11·65	10·84	10·11	9·45	8·85	8·31	7·82
17	13·17	12·17	11·27	10·48	9·76	9·12	8·54	8·02
18	13·75	12·66	11·69	10·83	10·06	9.37	8·76	8·20
19	14·32	13·13	12·09	11·16	10·34	9·60	8·95	8·37
20	14·88	13·59	12·46	11·47	10·59	9·82	9·13	8·51
21	15·42	14·03	12·82	11·76	10·84	10·02	9·29	8·65
22	15·94	14·45	13.16	12·04	11·06	10·20	9·44	8·77
23	16·44	14·86	13·49	12·30	11·27	10·37	9·58	8·88
24	16·94	15·25	13·80	12·55	11·47	10·53	9·71	8·99
25	17·41	15·62	14·09	12·78	11·65	10·68	9·82	9·08
30	19·60	17·29	15·37	13·77	12·41	11·26	10·27	9·43
35	21·49	18·67	16·37	14·50	12·95	11·66	10·57	9·64
40	23·12	19·79	17·16	15·05	13·33	11·93	10·76	9·78
45	24·52	20·72	17·77	15·46	13·61	12·11	10·88	9·86
50	25·73	21·48	18·26	15·76	13·80	12·23	10·96	9·92
55	26·77	22·11	18·63	15·99	13·94	12·32	11·01	9·95
60	27·68	22·62	18·93	16.16	14·04	12·38	11·05	9·97
65	28·45	23·05	19·16	16·29	14·10	12·42	11·07	9·98
70	29·12	23·40	19·34	16·39	14·16	12·44	11·08	9·99
75	29·70	23·68	19·49	16·46	14·20	12·46	11·09	9·99
80	30·20	23·92	19·60	16.51	14·22	12·47	11·10	10·00
85	30·63	24·11	19·68	16·55	14·24	12·48	11·11	10·00
90	31·00	24·27	19·75	16·58	14·25	12·49	11·11	10·00
95	31·32	24·40	19·81	16·60	14·26	12·49	11·11	10·00
100	31·60	24·51	19·85	16·62	14·27	12·49	11·11	10·00
Perp.	33·33	25·00	20·00	16·67	14·29	12·50	11·11	10·00

Thus, £65 per annum for 40 years, at 6 per cent. is worth 15·05 years' purchase, or £978·5.

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VENTILATION.

A satisfactory system of ventilation must remove air charged with an excess of carbonic acid, and containing impurities of respiration and combustion, without inconvenience from draughts, at the same time maintaining an even and agreeable temperature.

A certain amount of ventilation takes place through doors, windows, fire-places, and through brick walls.

Vitiated air should be extracted at the highest possible point. In a large room or building it is advisable to extract the air through several openings, uniformly distributed. Fresh air should be admitted with an upward direction, above the level of the head, and be warmed in winter if possible. It should also be introduced at many points in the building at a low velocity, and with inlet tubes at least half as large again as exhaust tubes.

Each person requires at least from 3 to 5 cubic feet of air per minute. At Finsbury Technical College about 11 cubic feet of air per minute is provided in the class-rooms, and 50 cubic feet per minute in the chemical laboratories and draught closets.

BOYLE'S PATENT

LATEST IMPROVED SELF-ACTING

AIR-PUMP VENTILATOR.

THE MOST POWERFUL EXHAUST AND

CHEAPEST VENTILATOR IN THE MARKET

IMPERVIOUS TO WET & DOWN-DRAUGHT.

Strongly made of the Best Steel, Galvanized, and Finest Workmanship.

N.B. These Ventilators are manufactured solely by us, and none are genuine unless they bear our registered title and trade mark.

BEWARE OF WORTHLESS IMITATIONS.

When specifying or ordering, the words, "BOYLE'S PATENT AIR-PUMP VENTILATOR" should be used

LATEST REDUCED PRICE LIST.

Carriage Paid to any Railway Station in the United Kingdom.

NOTE.—The extracting power of a roof ventilator of proper construction lies *exclusively* in the head, and is solely determined by the size of the same, and not by the diameter of the shaft attached to it.

			No. 1 & No. 1a.	No. 2a.	No. 3.
12 ins.	4 to 8 ins. pipe	(diameter of pipe recommended 6 ins.)	£1 5 0	—	—
14 "	5 " 9 "	" " 7 "	1 10 0	—	—
16 "	6 " 10 "	" " 8 "	2 2 0	—	—
18 "	7 " 11 "	" " 9 "	2 15 0	£4 4 0	£4 15 0
20 "	8 " 12 "	" " 10 "	3 10 0	4 17 6	5 10 0
24 "	10 " 14 "	" " 12 "	4 10 0	6 10 0	7 7 0
27 "	11 " 16 "	" " 14 "	5 5 0	7 10 0	8 15 0
30 "	12 " 18 "	" " 15 "	6 10 0	9 [illegible] 0	10 10 0
36 "	15 " 21 "	" " 18 "	8 15 0	12 10 0	14 10 0
42 "	17 " 24 "	" " 21 "	11 15 0	16 15 0	18 18 0
48 "	20 " 28 "	" " 24 "	14 17 6	21 10 0	24 10 0
54 "	24 " 32 "	" " 28 "	18 18 0	27 10 0	31 10 0

The Ventilators can be made with square, round or octagon bases, for fitting into turrets, &c when required, without extra charge.

N.B.—WHEN ORDERING, PLEASE STATE DIAMETER OF PIPE REQUIRED.

BOYLE'S

Latest Improved Air Inlet Brackets and Wall Panels from 7s. 6d. each.

Made of strong Galvanized Iron, painted, and fitted with Regulating Valve, Canvas Air Filter, and Deflecting Shield.

CARRIAGE PAID TO ANY RAILWAY STATION IN THE UNITED KINGDOM.

No. 4. Bracket. No. 5. No. 6 No. 7 No. 8. No. 9. Wall Panel. WALL PANEL.

BRACKETS.

inches.	No. 4. £ s d	No. 6 £ s d	No. 6. £ s d	inches	No. 7 £ s d	inches	No. 8. £ s d	inches.	No. 9. £ s d
18× 8×3	7 6	0 8 0	0 0 6	[illegible]	0 [illegible] 6	20× 8×3	0 18 6	9× 7×6	3 6
[illegible] 9×[illegible]	0 9 [illegible]	0 10 6	0 1[illegible] 6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]×7	0 10 6
[illegible] 10 4	[illegible]	[illegible]	0 14 6	20×7½×7½	0 7 6	[illegible] 4	[illegible]	[illegible] 8	[illegible]
[illegible]	0 15 0	7	[illegible]	[illegible]	[illegible]	[illegible] 5	7 6	[illegible] 9	[illegible] 4 6
[illegible]	[illegible] 0	8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		

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VENTILATION (*continued*)

Rule to find area of ventilating tubes in feet.—Multiply the number of people in the room by 4 and divide this product by 43 times the square root of the height of the tubes in feet.—*Tredgold.*

Table by Mr Hood, showing cubic feet of air discharged per minute through a ventilator with an area of one square foot

Height of Ventilator in Feet	Difference between Temperature in Room and External Air.					
	5°	10°	15°	20°	25°	30°
10	116	164	200	235	260	284
15	142	202	245	284	318	324
20	164	232	285	330	368	404
25	184	260	318	368	410	450
30	201	284	347	403	450	493
35	218	396	376	436	486	531
40	235	329	403	465	518	570
45	248	348	427	493	551	605
50	260	367	450	518	579	635

If the openings for the admission of fresh air be smaller than those for the escape of the heated air there will probably be a descending current of cold air in the same tube with the ascending current of hot air.

Inlet ventilators should provide for the admission of air in an upward direction, and it is advisable for the ventilator to widen out at the mouth to diffuse the air as it enters an apartment.

Ventilators should be simple in form and either automatic or very easily and inexpensively worked.

WALL AND CEILING COVERINGS.

PAPERHANGINGS.

Paperhangings arrange themselves naturally into two great divisions, *machine work* and *hand work*; that is, papers printed from cylinders by steam machinery, and papers printed from blocks by hand power only. In both processes the printing is done from the raised surface of a roller or block.

In *machine printing* the design is raised above the level of the wooden cylinder by means of copper bands or tapes, driven edgewise into the wood following the contour of the design which has been previously drawn upon it, and the solid parts are filled in with felt. The paper passes over a huge drum in contact with the printing rollers and receives, during one revolution of the drum, all the colours necessary to complete it, each tint being printed from a separate roller, which in its turn is supplied with colour by a supplementary roller, covered with felt, which revolves in a bath or trough of colour. The paper, on leaving the printing machine, is carried away automatically into the drying room, where it is rapidly dried over a series of heated pipes, or pans. Machine printing has now been brought to a great state of perfection, and it is sometimes difficult to distinguish some of the best samples printed on specially thick paper from hand work, so far as the superficial appearance is concerned.

Block Printing.—The first operation in block printing is colouring the ground. In this the paper is laid upon a long table; the workman covers the whole surface with colour by means of two large round brushes held in either hand, a boy follows with another brush to keep the colour alive, the man then goes over the whole again very lightly with a clean brush to finish the smoothing, and the paper is hung up to dry. The next step to colouring the grounds is the printing. The blocks are made of two thicknesses of deal, glued together transversely to prevent warping, with a facing of pear tree wood. In broad, bold designs such as require felting in rollers, the design is cut in wood, the part of the block not required being cut away, and the design left in relief, and in designs consisting of fine delicate lines copper bands are used as in roller making.

The normal size of the printing block is 21 in square. In English papers they are almost always of that width, but they vary in length according to the nature of the pattern, some more, some less, and where a design is too large to print from one block it is made up of any number needful to complete it. In a design composed of two or more colours each colour is usually printed separately, the papers being slowly dried between the printings at the ordinary temperature of the atmosphere, but several colours may be printed at one time; they, however, tax the skill of the workmen, and increase the cost.

Amongst modern improvements in paperstaining is the use of powdered mica on the grounds to produce a silky effect. The material itself is indestructible by fire, insoluble in water, and untarnishable by atmospheric influences. When properly applied it produces an imperishable silky sheen on the paper, soft and rich in effect, especially by gas or other artificial light.

Flock Papers differ from water colour papers both in the material used to form the design and the medium employed in affixing it to the paper. The flock itself is wool ground to a fine powder and it is fixed to the paper by an oil colour of a specially sticky nature. The pattern is printed in this sticky oil colour, and the paper is immediately passed into a trough with a linen bottom, on which the paper rests, the flock dust is then thrown upon it, and it is beaten with a cane which makes the flock dance up in a cloud, and, by force of gravitation, fall down and sink firmly into the oil colour until the whole of the sticky surface is so evenly covered that it looks like a piece of cloth or velvet.

Raised Flock Papers are a development of the ordinary flocking process, the printing and flocking being repeated time after time until the required degree of relief is obtained.

Patent Embossed Blocks. In these papers the design is raised into relief by repeated printings and flockings, in the same manner as if intended to be painted over, it is, however, finished in coloured flocks that do not require painting over, and it is finely embossed under heavy pressure by means of heated dies which give to the raised surface of the flock a beautifully modelled appearance like carving in *bas relief*.

Leather Papers are another important branch of the paperstaining industry. These are broadly of two kinds—the first printed like ordinary papers with one or many colours on thick touch paper, often varnished, and then stamped with a die, giving them an embossed or leathery look, and the next and more important stamped in much higher relief, gilt or silvered, and then coloured and laquered by hand, producing a more artistic effect free from the monotony of printing or other mechanical aid.

Arsenical Pigments, formerly much used in the manufacture of papers, have of recent years been justly condemned as injurious to health owing to the fine dust or particles of arsenic flying off from the surface of the paper and contaminating the air. Architects and builders should insist upon using none but non-arsenical papers for works under their control. It is not difficult to obtain such papers, and there is practically no difference in their cost over those of similar qualities in other respects made with arsenical colours.

GIBBS' PATENT NOISELESS OUTLET VENTILATOR.

Brass Trellis Fronts

GIBBS' PATENT

WEATHERPROOF EXTRACTORS

IN CONSTANT AND EXTENSIVE USE BY THE ADMIRALTY, H. M OFFICE OF WORKS, THE LEADING STEAMSHIP COMPANIES AND ARCHITECTS THROUGHOUT THE KINGDOM.

THEIR QUALITIES AND CAPABILITIES HAVE STOOD THE PRACTICAL TEST OF TIME

Rd. Design.

GIBBS' PATENT NOISELESS OUTLET VENTILATOR

Plain Iron Fr...

JOHN GIBBS & SON.

Cheapest, Strongest, & Best Ventilator IN THE MARKET

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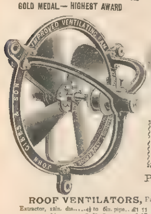

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" 14 "	5 to 7 "	1 17 6	" 24 "	9 to 12 "	5 5 0	" 42 "	16 to 20 "	11 17 6
" 16 "	6 to 8 "	2 12 6	" [illegible] "	12 to 14 "	6 7 6	" 48 "	18 to 24 "	16 15 0
" 18 "	7 to 9 "	3 5 0	" [illegible] "	13 to 15 "	7 10 0	" 54 "	20 to 27 "	19 0 0

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Measurement in feet round the walls	Height of room in feet from skirting to cornice. 6	7	8	9	10	11	12	13	14	15
	Number of Pieces required.									
32 ...	4	4	5	5	6	6	7	7	8	8
36 ...	4	5	5	6	6	7	7	8	9	9
40 ...	4	5	6	6	7	8	8	9	9	10
44 ...	5	5	6	7	8	8	9	10	10	11
48 ...	5	6	7	7	8	9	10	10	11	12
52 ...	6	6	7	8	9	10	10	11	12	13
56 ...	6	7	8	8	9	10	11	12	13	14
60 ...	6	7	8	9	10	11	12	13	14	15
64 ...	7	8	9	10	11	12	13	14	15	16
68 ...	7	8	9	10	11	12	13	15	16	17
72 ...	7	9	10	11	12	13	14	15	17	18
76 ...	8	9	10	11	13	14	15	16	17	19
80 ...	8	9	11	11	13	15	16	17	18	20
84 ...	9	10	11	12	14	15	17	18	19	21
88 ...	9	10	12	12	14	16	17	19	20	22
92 ...	9	11	12	13	15	17	18	19	31	22
96 ...	10	11	13	13	16	17	19	20	22	23
100 ..	10	12	13	15	16	18	20	21	24	24

WARMING.

Steam.—The principle of warming by steam is the rapid condensation of steam into water on coming in contact with cooling surfaces, the latent heat of steam being given out at the moment of condensation.

Hot Water.—There are two systems of heating by hot water —the large pipe, or low pressure, and the small pipe, or high pressure In the former the pipes are generally of cast iron, the water is not heated above boiling point, and the boiler is usually of the saddleback description.

Alteration of levels in laying the pipes should be avoided, that the rising and descending streams of water may not be checked in the course of their flow, and to prevent the accumulation of air or steam in any part of the circulation.

Where two apartments, separated by some distance, are to be warmed from one furnace, the connecting pipes may be smaller than those used for circulation in the apartments, as the water will pass more rapidly through a smaller pipe and lose less heat.

In the high pressure system the water is heated to 400 degs. Fahr. or more, but no steam or expansive or explosive vapour is generated as no air is left in the tubes. These are of strong wrought iron usually $1\frac{1}{4}$ inch in diameter and $\frac{7}{8}$ inch in bore, and work at a high pressure of 300 lbs. or more to the square inch. Good firms prove each apparatus by hydraulic pressure to 3,000 lbs. to the square inch.

The great bulk of water in the large pipes employed in low pressure heating by keeping hot for some time after the fire is out, renders this system applicable for greenhouses, conservatories, &c The small bore pipes have an advantage in heating of habitable buildings by being far less conspicuous and unsightly; the water also circulates more rapidly, and the heat can consequently be very quickly attained. For drying closets, Turkish baths, &c., where high temperatures are required, this system is well adapted The boiler which consists merely of a coil of the same tube, is so designed as to secure the greatest advantage from the fire; it is claimed for the high pressure system that it is more economical than any known method of heating. Experiments have proved that, owing to the higher temperature at which they work, the small pipes are, foot per foot, about equal in heating capacity to those generally used in low pressure work by the use of a chemical solution instead of pure water they can also be protected against frost-bursts.

In churches and public rooms, where heat is generated by respiration of a large assembly, the air does not require to be heated above 55 degrees to 58 degrees. A simple rule for finding length of pipe required, allowing for an average number of doors and windows and usual ventilation, is to take the cubical measurement of space and divide by 200 for 4 inch pipe, by 150 for 3 inch pipe, and by 100 for 2 inch pipe.

LENGTH OF 4 INCH PIPE PER 1,000 CUBIC FEET OF CONTENTS.

Description of Building	Temperature required.	Moderate Cooling Surfaces and Ventilation, &c.	Large Cooling Surfaces and Ventilation, &c.
		Feet	Feet.
Churches, Chapels, Schools, &c.	55	5 to 7	8 to 10
Dwellings	65	10 to 12	12 to 14
Shops, &c.	60	8 to 9	9 to 10
Workrooms, Factories, &c	55	6 to 7	7 to 8
Conservatories, &c. . ..	50 to 55	35 to 40	40 to 45
Hot Houses .	65 to 80	55 to 65	60 to 70

TABLES.

STRENGTH OF DIFFERENT WOODS.

(Crushing Strength per Square Inch in Tons)

Beech, 3·45; Red Deal, 2·56; White Deal, 3·03; Elm (dry), 4·61; Mahogany, 3·66, English Oak (dry), ·49, Dantzic Oak (dry), 3·45; Pine, 2·40.

SAFE LOAD IN TONS UPON PILLARS OF DANTZIC OAK.

1-10th the breaking weight.

Diam. in ins.	LENGTH OF PILLAR IN FEET. 8	10	12	14	16	18
4	3·5	2·8	2·0	1·4	1·1	0·9
4½	4·8	4·5	3·1	2·3	1·8	1·4
5	5·5	5·0	4·8	3·5	2·7	2·1
5½	7·5	7·0	6·8	5·1	4·0	3·1
6	8·8	8·0	7·5	7·3	5·6	4·4
6½	10·8	9·5	8·5	8·0	7·7	6·1
7	13·0	11·2	10·1	9·5	9·0	8·1
8	18·0	16·2	15·0	14·5	14·0	13·9
9	24·0	22·0	20·0	18·0	17·0	16·0
10	30·0	28·0	25·7	23·6	21·5	20·0

MEASURES OF TIMBER

100 superficial feet of planking... ..	equal	1 square.
120 deals	,,	1 hundred
50 cubic feet of squared timber ...	,,	1 load.
40 feet of unhewn timber ...	,,	1 load.
600 superficial feet of inch planking ...	,,	1 load
Boards 7 inches wide	,,	battens.
,, 9 ,, ...	,,	deals.
,, 12 ,, ...	,,	planks.

WEIGHT OF TIMBERS.

	Weight per cubic foot in lbs.		Weight per cubic foot in lbs.
Ash	52	Mahogany (Spanish)	66
Beech	53	Oak, English ..	53
Birch	42	,, American ..	45
Box	57	Pine, yellow	26
Cedar of Lebanon ..	35	,, red	40
Chestnut	37	,, pitch	45
Cork	15	Poplar	24
Ebony	63	Sycamore	38
Elm	42	Teak	47
Fir	31	Walnut	41
,, Memel	37	Yew	47
Larch	33		

Lineal Measure.

1 Nail	=	2¼ Inches
1 Hand	=	4 Inches
3 Inches	=	1 Palm
9 Inches or 4 Nails ..		1 Span, or ¼ yard
12 Inches	=	1 Foot
3 Feet or 4 quarters ..		1 Yard
5 Quarters of yard ..		1 Ell
6 Feet or 2 yards ..	=	1 Fathom
16 Ft. 6 in. or 5½ yds ..		1 Rod, Pole, or Perch
4 Poles or 22 yards ..	=	1 Chain
220 Yards or 40 Pole ..		1 Furlong
1760 Yds or 8 Furlongs..	=	1 Mile = 5280 feet
7·92 Inches	=	1 Link
100 Links or 66 Feet ..		1 Chain
10 Chains	=	1 Furlong
80 Chains		1 Mile
3 Miles..	=	1 League
2027 Yards	=	1 Admiralty Knot
6075½ Feet	=	1 Nautical Mile
69·04 Miles	=	1 Degree (°) of lat.
69 16 Miles	=	1 Degree of long. at Eqtr.
43 08 Miles	=	1 do. do. at London
The Cheshire Pole ..	=	8 Yards

Scotch Lineal Measure.

			ells.		yards.	feet	inches.
8 furlongs		1 mile =	1,920	=	1,984	[illegible]	71,424
10 chains		1 fur =	240		248	744	8 928
4 falls ..	=	1 chain =	24	=	24 8	74 4	[illegible]
6 ells ..	=	1 fall	.		6 2	18 6	223 2
1 ell	.	.	.		.	..	37 2

Lengths of a Foot in different Countries.

	Eng Ins.		Eng Ins.
Spain	11 03	Prussia	12 36
Holland	11·74	Austria	12 45
Sweden	11·69	Portugal	12 96
America	12·00	Russia	13 75
Denmark and Norway	12·35	France, metre	39 37

Lengths of a Mile in different Countries.

	Eng. Yds.		Eng. Yds.
Russian..	1,100	Spanish..	5,028
Italian	1,467	German	5,866
English..	1,760	Swedish and Danish..	7,233
Scotch	1,984	Hungarian	8,630
Irish	2,200	Norwegian	12,400
Polish	4,400	French League ..	3,666

Square Measure.

144 parts	=	1 square inch.
144 square inches ..	=	1 square foot
9 square feet	=	1 square yard
272¼ feet	=	1 square rod or pole
40 rods	=	1 square rood
4 roods 160 rods 4840 yards 43560 feet 10 square chains	=	1 [redacted]
1 hectare	=	2·471 acres
640 acres	=	1 square mile
1 chain wide	=	8 acres per mile length
Sq. inches × ·007.. ..	=	square feet nearly
Sq. yards × ·00021 ..	=	acres nearly
7840 square yards.. ..	=	1 Irish acre
6150 square yards.. ..	=	1 Scotch acre

Scotch Square Measure.

		Imp. sq. ft.
1 square ell	9 5377 ..	1·059744425.
36 ,, ells	1 sq. fall ..	38 150799334.
16 ,, falls .. .. =	1 ,, chain =	610 412789351
40 ,, falls, or 2½ chains.. ..	1 ,, rood .. =	1526 03197337
4 ,, roods, or 10 chains.. .. =	1 acre = 5760 ells =	6104·127893yds

Land Measure.

40 square poles	=	1 square rood
4 sq. rds., or 4,840 sq. yds.	=	1 square acre
640 square acres	=	1 square mile
30 square acres		1 yard of land
100 square acres	=	1 hide of land
40 hides	=	1 baroney

Statute of Customary Measurement of Perches and Acres.

Statute Perch...	16·5×16·5 ft.	= 272·25 sq. ft. or		4,840 sq yds.		= 1 a.
Devonshire and Somerset do.	15×15 ft.	= 225	,,	,, 4,000	,,	= 1 a.
Cornwall do.	18×18 ft.	= 324	,,	,, 5,760	,,	= 1 a.
Lancashire do..	21×21 ft.	= 441	,,	,, 7,810	,,	= 1 a.
Cheshire & Staffordshire do..	24×24 ft.	= 576	,,	,, 10,240	,,	= 1 a.
Scotch ..	18 5×18·5 ft.	= 339·17	,,	,, 6,150		

Statute and Customary Measurement of Links, Perches & Chains.

	= 1 Link	Links	= 1 Perch	Perch	1 Chain	of 100 Links.
Statute Meas.	7·92	25	16′ 5″	4	66′ 0″	
Devonshire & Somerset ...	7·2	25	15′	4	60′ 0″	Do.
Cornwall .	8·64	25	18′	4	72′ 0″	Do.
Lancashire & Irish	10·08	25	21′	4	84′ 0″	Do.
Cheshire and Stafford ...	11·52	25	24′	4	96′ 0″	Do.
Scotch . .	8·88	25	18′ 5″	4	74′ 0″	Do.

To reduce statute measure to customary, and *vice versa* :—

Example.—In 25 acres, 2 roods, 20 perches statute, how many acres, &c., customary measure of 15 feet to a perch ?

25 acres 2 roods 20 perches = 4,100 perches.

Multiply 4 100 perches by the number of square feet in a statute perch, viz , 272 25, and divide by the number of square feet in the customary perch, viz., 225, and *vice versa* to find the statute measure when the customary or Scotch measure is given.

In many old surveys and old plans, the contents are given n local or customary measure.

Solid or Cubic Measure.

1728 cubic inches		1 cubic foot
27 cubic feet		1 cubic yard
40 cubic feet of rough or 50 cub ft of hewn timber	=	1 ton or load
42 cubic feet of timber ..	=	1 shipping ton
108 cubic feet	=	1 stack of wood
128 cubic feet	=	1 cord of wood.

Architectural Societies and Information for Students.

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THE Royal Institute consists of three classes of subscribing Members—namely, Fellows, Associates, and Honorary Associates; and two classes of non-subscribing Members—namely, Honorary Fellows and Honorary Corresponding Members.

Fellows are Architects who have attained the age of thirty years, and who have been engaged as principals for at least seven successive years in the practice of Architecture. After March, 1892, the Royal Institute will have power to declare that every person desiring to be admitted a Fellow shall be required to have passed such an Examination or Examinations as may be directed by the Royal Institute. But in special cases the Council will have power to dispense with such Examination or Examinations.

Associates are persons engaged in the study or practice of Architecture who have attained the age of twenty-one years. Every person desiring to be admitted an Associate must pass or have passed such Examination or Examinations as may be directed by the Royal Institute.

Honorary Associates are persons not professionally engaged in practice as Architects who by reason of their position or of their eminence in art, science, or literature, or their experience in matters relating to Architecture, may appear to the Council to be able to render assistance in promoting the objects of the Royal Institute.

Honorary Fellows are Members of the Royal Family, persons who hold or have held high office in the Government of the United Kingdom, or of India or of any Colony or Dependency of the United Kingdom, and other illustrious or distinguished persons, to be selected as the Royal Institute may from time to time determine.

Honorary Corresponding Members are persons not being British subjects and not residing within the United Kingdom, nor practising as Architects in India or in any Colony or Dependency of the United Kingdom who by reason of their eminence as Architects or as Archæologists, or for artistic, scientific, or literary acquirements, may appear to the Council able to render assistance in promoting the objects of the Royal Institute.

ENTRANCE FEES AND SUBSCRIPTIONS.

(*a*) The entrance fee of each Fellow is five guineas, and his annual subscription four guineas. In the case of a Fellow elected from the Class of Associates his entrance fee is two guineas.

(*b*) The entrance fee of each Associate is three guineas, his annual subscription two guineas.

(*c*) The entrance contribution of each Honorary Associate is two guineas, and his annual subscription two guineas.

THE PROGRESSIVE EXAMINATIONS.

Under the authority afforded by clauses 20 and 21 of the Charter the Institute has established a system of Progressive Examinations consisting of (1) a Preliminary Examination, (2) an Intermediate Examination to be passed prior to entering for the Final or Qualifying Examination in Architecture and (3) Final or Qualifying Examination. The Preliminary Examination is to test the general knowledge of aspirants in ordinary subjects of school education. A youth who passes the Preliminary Examination is at once registered as a *Probationer* of the Royal Institute of British Architects

The Intermediate Examinations is to test the Probationer's progress in Art and Science while engaged as pup[illegible] or assistant in an office. During the two years following his admission as a Probationer, he has to prepare in the Art Section of the programme seven sheets of carefully finished drawings with an illustrated memoir and in the Science Section four sheets of drawings. If these "Testimonies of Study" are approved, and if he afterwards pass the Intermediate Examination he is admitted a *Student* of the Royal Institute of British Architects

The Final Examination is to test the student's further progress and the programme, divided into Art and Science Sections, is framed on the same principle as that of the Intermediate. The work to be done by the Student, and submitted by him before entering, necessitates good draughtsmanship and an acquaintance with ancient edifices or other well-known executed works to be gained by actual measurement of them It requires a knowledge of design and of the practical details of construction which latter can be best obtained by personal experience of buildings in progress The "Testimonies of Study," with the concurrent work of preparation for this Examination, which is written, graphic, and oral, occupy the Student not less than three years and no one can be admitted to it under the age of twenty-one although in most cases it will probably be found desirable that he should have attained the age of at least twenty-two before presenting himself If the *Student* pass, he becomes qualified for candidature as *Associate* of the Royal Institute of British Architects and receives a notification of the fact

** The annual Calendar of the Royal Institute contains the Questions set at *The Examination in Architecture*, together with Advice to Candidates desiring to enter for the Examinations, and the Regulations and Programme of the same. It also contains a list of Books of Reference, selected with a view to the Examinations.

This Calendar and particulars and forms of application, &c., can be obtained at the Office of the Royal Institute of British Architects, 9 Conduit Street, W.

THE SOCIETY OF ARCHITECTS.

(FOUNDED 1884. INCORPORATED 1893.)

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EXTRACT FROM ARTICLES UNDER WHICH THE SOCIETY IS INCORPORATED

Members shall be gentlemen who are or have been directly engaged professionally in Architectural pursuits, and shall be above twenty-one years of age.

Associates shall be gentlemen who have obtained some distinction in Literature, Science or Art, connected with Architecture, and shall be above twenty-one years of age.

Candidates for election as Members or Associates are to fill in the form of nomination pertaining to the class into which they seek admission, which form must be signed by themselves and by two Members, and shall be accompanied by a letter from one of such Members testifying as to his knowledge of the Candidate and of his works. In the event of any Candidate not being acquainted with two Members, special application shall be made to the Council. The Council, for the time being shall, however have power to nominate any person they may think fit for election, and to dispense with any or all of the formalities required to be observed on an application for membership

Architects seeking admission into the Society as Members, are required to submit drawings of not less than two works they have designed and carried out, together with photographs of the completed buildings.

At present the entrance fee is £2 2s., and the annual subscription £1 1s for both classes

The following Article will become operative after October 31st, 1896:

"Subject to confirmation by General Meeting the Council shall select from time to time certain Examinations, which shall be deemed Qualifying Examinations for Membership of the Society; and *election to Membership shall be only open to Candidates*, approved by the Council who have passed any one of such Examinations, or an Examination held by the Society with the following exceptions:—

(*a*) Candidates who are not less than thirty-five years of age, and have been directly engaged professionally in Architectural pursuits, as Principals, for at least seven years.

(*b*) Candidates who are not less than thirty five years of age, and have been directly engaged professionally in Architectural pursuits, as Assistants, or as Assistants and Principals for at least ten years

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LEEDS & YORKSHIRE ARCHITECTURAL SOCIETY.

Council

E. J. Dogshun (*f*), *President* (*Member R.I B.A. Council*).

W. H. Beevers (*a*), *Hon. Librarian*
W S Braithwaite.
Harry B. Buckley.
H S. Chorley, B.A., *Auditor.*
G F. Danby.
L. S. Dogshun, *Auditor.*
W. H. Greeves.
W. Carby Hall (*a*) *Vice President.*
W A Hobson
J. Ledingham (*f*).
W. H. Thorpe (*f*), *Hon. Treasurer.*
W Watson, *Vice-President.*
W. Clement Williams (*f*)

Francis W. Bedford (*a*), 12, East Parade, Leeds, *Hon. Secretary*

The Past-Presidents are also Members of Council, viz., George Corson, J. B. Fraser (*f*), E. Birchall (*f*), C. R. Chorley (*f*), Henry Perkin (*f*), W. H. Thorp (*f*), and G. B. Bulmer (*f*)

The Members consist of Members: Architects who have been in practice at least two years prior to election; Associates: Architects' assistants, pupils, or Architects who are not eligible as Members, or who have not been nominated as Members; and Honorary Members: Persons interested in the arts and sciences associated with Architecture.

LEICESTER AND LEICESTERSHIRE SOCIETY OF ARCHITECTS.

Council

J. Goodacre (*f*), *President* (*Member R.I.B.A. Council*).

C Baker.
T. H Fosbrooke.
A. H. Paget (*f*).
Stockdale Harrison (*f*), *Hon. Treasurer*
Albert Edwin Sawday (*f*).

S. Perkins Pick, *Hon. Sec.* (*a*), 6, Millstone Lane, Leicester.

THE Members consist of four classes, viz.: Hon Members: retired Architects and others · Full Members Architects who have been engaged for not less than three years as principals; Associate Members. Architects not eligible as Full Members, or Associates R. I B A.; and Assistant or Pupil Members; assistants or pupils not less than sixteen years of age, in the office of an Architect, Surveyor, or Civil Engineer in practice in the counties of Leicester or Rutland.

LIVERPOOL ARCHITECTURAL SOCIETY.

Council

A. Culshaw (*f*), *President* (*Member R.I.B.A Council*).

J. W. Blakey (*a*), *Hon. Librarian.*
Thomas Cook (*f*)
James Dod, *Hon. Treasurer.*
T Harnett Harrison (*f*).
H. Hartley (*f*).
T. W Haigh.
H. W. Keef, *Vice-President*
T. Millard Reade (*f*).
Professor Simpson
J. Woolfal, *Vice-President.*

Henry L. Beckwith, *Hon. Sec.*, 3, Cook Street, Liverpool

THE Members consist of five classes, viz:—Fellows: Architects engaged as principals not less than three years; Professional Associates. Architect's assistants, and Architects not eligible as Fellows, Students: persons engaged in the study of Architecture; and two other classes.

MANCHESTER SOCIETY OF ARCHITECTS.

Council.

John Holden (*f*), *President* (*Member R.I.B.A Council.*)

J. W. Beaumont (*f*), *Auditor.*
R. I. Bennett (*f*).
Thomas Chadwick (*a*).
A. H. Davies-Colley (*a*)
John Ely (*f*). *Vice-President.*
R. Knill Freeman (*f*), *Vice-Pres.*
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Edward Hewitt (*f*), *Assist. Hon. Sec.*
James S Hodgson, *Librarian.*
Frank W. Mee.
J. D Mould (*a*)
W. A. Royle (*f*).
E Salomons (*f*).
Henry E. Stelfox (*a*)
John Hy. Woodhouse (*f*).
P. Scott Worthington (*a*).
Thomas Worthington (*f*).

Paul Ogden (*f*), *Hon. Sec. & Treasurer*, 60 King Street, Manchester.

THE Members consist of Fellows who have been engaged in practice at least five years, who are entitled to use the affix F M.S.A.; Associates, who are at least twenty three years of age, engaged in the study or practice of architecture as a profession, and who are entitled to use the affix A M.S.A.; Students, who are under twenty-three years of age and are engaged in the study of architecture either as assistants or pupils. The Council meet every month, and General Meetings of the Society are held every three months.

NORTHERN ARCHITECTURAL SOCIETY.

Council

Joseph Oswald (*f*), *President* (*Member R I.B.A Council*).

G. T. Brown.
J T. Cackett (*f*), *Hon. Treasurer.*
F. E. Caws (*f*).
H. C. Charlewood, (*a*) *Hon. Lib.*
R. B. Dick, *Auditor.*
C S. Errington.
W. Glover, *Auditor.*
H. C Harvey, *Hon Solicitor*
E. J. Hansom (*f*).
W. S. Hicks
J. H Morton (*f*).
Frank W. Rich, *Vice-President.*
John William Taylor (*f*).

Arthur B. Plummer (*f*), *Hon. Sec.*, 13, Grey St., Newcastle-on Tyne.

The Association consists of four classes, viz.—Members: Architects in practice as principals, or as town or county Architects, and who have so practised for not less than three consecutive years immediately preceding their nomination; Associates: Architects not yet eligible as members, or assistants (over twenty-one years of age), in the offices of gentlemen eligible as Members or Associates; Students: persons under twenty-one years, engaged in the study of Architecture in the offices of gentlemen eligible as Members or Associates; and Honorary Members. Honorary Membership is conferred on gentlemen eminent for distinguished attainments on the recommendation of the Council.

NOTTINGHAM ARCHITECTURAL SOCIETY.

Council

John Howitt (*f*), *President.*

A. W. Brewill (*f*), *Auditor.*
Albert N. Bromley (*f*), *Vice-President.*
A. R. Calvert.
A. Harrison Goodall
Frank B. Lewis.
W. D. Pratt
John Sander, *Auditor*
Herbert Walker (*f*).

A. Ernest Heazell, *Hon. Sec. and Treasurer*, Bank Chambers, Market Place, Nottingham

The members consist of three classes, viz.:—Members: Architects engaged as principals not less than two years; Associates, Architects not eligible as members, Architects' assistants and articled pupils; and Honorary Members: gentlemen distinguished for their attainments.

SHEFFIELD SOCIETY OF ARCHITECTS AND SURVEYORS.

Council

Charles Hadfield, *President* (*Member R.I.B.A. Council*).

W. C. Fenton.
Thomas J. Flockton.
Frederick Fowler, *Hon. Treasurer.*
R. W. Fowler, *Vice-President.*
E. M. Gibbs.
W. H. Lancashire
H. W. Lockwood.
J. S[illegible]th
I. Winder

C. J. Innocent (*f*), *Hon. Sec.*, 17, George Street, Sheffield

The members consist of five classes:—Fellows, Associates, Students, Honorary Members, and Lay Members. The Fellows are practitioners who have been engaged as principals for not less than five years in their profession; the Associates are principals or assistants over twenty-one years of age; the Students are articled pupils; the Honorary Members are persons distinguished for their connection with art and science; the Lay Members are gentlemen not practising but interested in Architecture or Surveying, and not following any of the Building Trades.

THE YORK SOCIETY.

Council

Henry Perkin (*f*), *President.*

G. Benson
A. H. Claypole.
W. Hepper.
A. Hirst.
John Lane, *Vice-President.*
J. T. Pegg.
W. G. Penty (*f*).
A. Pollard
A. P. Skeat
A. W. Turner, *Vice-President.*
W. E. Walker, *Librarian.*
N. R. Yeomans, *Hon. Treasurer*

A. B. Burley, *Hon. Secretary*, 8, Bewlay Street, York.

The members consist of three classes, viz.—Members: Architects who have been in practice more than two years, or hold chief public appointments; Associates: Students of Architecture, Assistants, or others in the profession who are not eligible as members; Honorary Members: Gentlemen distinguished for their attainments and those who have an indirect interest in Architecture, or in some of the collateral arts and sciences.

THE CARDIFF, SOUTH WALES, AND MONMOUTHSHIRE SOCIETY.

Officers

E. M. Bruce Vaughan (*f*), *President.*

J. Coates Carter, *Hon. Sec. and Treasurer*, Bank Buildings, St. Mary Street, Cardiff

C. L. Wilson, *Hon. Assistant Sec.*

The Society consists of Members, Associates, and Honorary Members. Members must be practising Architects, not combining any other business with their profession of Architecture, except those of land and quantity surveying, land agency, and valuing and civil engineering, and must either have served articles to Architects of recognised qualifications, or be members of the R.I.B.A., or be elected at a meeting at which three-quarters of the members of the Society are present. Honorary Members of the Society may be Architects of distinction not practising in South Wales and Monmouthshire, and also gentlemen of recognised knowledge and taste in Architecture and the kindred arts. Associates of the Society may be Architects' assistants or pupils who have served or are under articles to qualified Architects.

ROYAL INSTITUTE OF ARCHITECTS OF IRELAND.

Council

Thomas Drew (*f*), R.H.A., *President*, (*Member R.I.B.A. Council*).

George C. Ashlin, R.H.A.
James Rawson Carroll (*f*)
Sir T. N. Deane, R.H.A.
Charles Geoghegan
C. J. McCarthy
R. Chaytor Millar (*f*).
William M. Mitchell, R.H.A.
Albert E. Murray (*f*), *Hon. Sec. and Treasurer*
J. J. O'Callaghan.
W. K. Parry.
J. H. Pentland.

Albert E. Murray (*f*), A.R.H.A., *Hon. Sec. and Treasurer*, 37, Dawson Street, Dublin.

The Members consist of Fellows: Architects of good repute engaged in practice for at least seven years, and elected from the class of Members; Members shall be Architects of good repute, who have been in practice at least five years, or who have been articled for not less than three years to a Member of the Royal Institute of the Architects of Ireland, or the Royal Institute of British Architects, or of the Societies allied with it, or have passed the Associate Examination of the R.I.B.A. for the time being, and have attained the age of twenty-one years: Honorary Members and Honorary Corresponding Members: persons eminent for their works or scientific acquirements, not being British subjects.

THE DUNDEE INSTITUTE.

Council

Robt. Keith, *President*

T. M. Cappon, *Auditor.*
G. A. Harris, *Auditor.*
J. M'Farlane.
William Nixon.
James Hutton, *Auditor*
G. G. MacLaren
Leslie Ower (*f*), *Vice-President.*

Hon. Secretaries:

J. J. Henderson, 8, Bank Street, Dundee (*and Treasurer*)
Geo. Jamieson, 10, Whitehall Street, Dundee

The Institute is composed of residents in Dundee and vicinity, in three classes, viz.—Members: Gentlemen who have been engaged professionally in the practice of architecture, the applied sciences or the fine arts for a period of not less than seven years; Associates: Gentlemen not eligible as Members, but who are studying architecture or who take an interest in the objects of the Institute; Honorary Members, who may be elected by the Council.

GLASGOW INSTITUTE OF ARCHITECTS.

Council.

Thomas Lennox Watson (*f*), *President* (*Member R.I B A Council*)

G. Bell	John Morris (*f*).
J. J Burnet (*a*), A.R.S.A., *Vice-President*	Alexander Petrie, *Treasurer*.
	A G Thomson
Henry E. Clifford	David Thomson, *Auditor*
John Keppie.	J. Thomson
J M. Monro	J. B. Wilson (*a*)

C. J. MacLean, *Secretary*, 115, St. Vincent Street, Glasgow

THE Society consists of one grade of members only, composed of Architects engaged in practice as principals; persons who have served for six years, at least, as apprentices, or assistants with members or with persons qualified to become such; and members of other Architectural bodies. They must be nominated by two members approved by the Council, and must sign a form of Declaration as to their education and professional practice.

ROYAL ACADEMY OF ARTS.

INSTRUCTIONS FOR ADMISSION OF STUDENTS.

EACH candidate to be a student in Architecture shall submit to the Council the following drawings:—A geometric elevation of some part of an existing building (which may be copied from published drawings or prints) in which some part of the ornament or other features shall be drawn in freehand; geometric elevations of the Doric, Ionic, and Corinthian Orders, with their Entablatures complete, to ⅛ in. scale, the columns to be 24 feet high; an original Perspective Sketch in pencil of an existing building, or part of a building, on a quarter-sheet of imperial paper, and a drawing of a piece of Architectural Ornament from a cast, shaded in pencil or chalk, or tinted, and of the size of the original

All the drawings required must be on paper, and unmounted.

No one is eligible for admission to the schools of the Royal Academy who is more than twenty-five years of age on the date fixed for the delivery at the Academy of Works for Probationership.

Applicants for admission must obtain from the Registrar, through the written request of any Member of the Academy, or other artist or person of known respectability, a printed form, to be filled up and delivered at the Royal Academy, together with a certificate of birth and the required specimens of ability, on or before January 1 or July 1. They must also send a certificate from an Architect, member of the Royal Academy, of the Royal Institute of British Architects, or any public Institution for teaching Art and Science, certifying that the applicant has followed up the study of Architecture and Architectural Drawing, and has acquired a fair degree of proficiency in the same.

KING'S COLLEGE, LONDON.

Session 1895—1895.

CLASSES OF ARCHITECTURE, BUILDING CONSTRUCTION AND MODERN PRACTICE.

PROFESSOR BANISTER FLETCHER, (*f*)

SYLLABUS OF THE DAY CLASSES.

Occasional students may join any or all of the classes It is desirable, however, when time permits, that they should go steadily through the courses, and take the three years to do so.

Fees—The fees for occasional students are as follows:—For the Elementary Course, £7 7s., per term, £2 12s. 6d For the Advanced Course £7 7s. per term, £2 12s 6d. For the Final Course, £7 [illegible] per term, £2 12s. 6d.

Prizes.—An examination will be held at the end of each course and certificates, medals, and prizes will be awarded. The Worshipful Company of Carpenters also gives gold, silver, and bronze medals Mr. Arthur Cates—Vice-President of the Royal Institute of British Architects—also gives a silver medal

The terms consist of eleven lectures each, and are delivered once a week for each course as follows:—Elementary Course, Mondays, 3 to 4 p.m; Advanced Course, Mondays, 4 to 5 p.m., Final Course, Fridays, 4 to 5 p.m.

The terms are arranged as follow

[illegible], from the beginning of [illegible] to the week before [illegible]

[illegible] Term, from the middle of January to the week before Easter

Easter Term, from Easter to the beginning of July.

THE ARCHITECTURAL STUDIO

B. F FLETCHER (*a*), *Instructor*.

The Architectural Studio is open every day (Saturday excepted) from 10 a.m. till 9 p.m., students being allowed to follow any special studies. The studio is particularly adapted to meet the requirements of those qualifying for the Testimonies of Study and finished Drawings as required by the R I.B.A for admission into the Royal Academy, the Royal Engineers, and the Surveyors' Institution, also for the preparation of Drawings for the Honours Course in Building Construction, South Kensington, and other public bodies.

The Studio being open *day and evening* has proved of especial benefit to those who are engaged in offices, and who desire to supplement and extend the knowledge of the designing of buildings, including details and working drawings.

Subjects are set by the Instructor from time to time, and help is given in the practical designing and details of complete buildings. Fees £2 2s. per term, £5 5s. for the year. Students of limited means are (on application to the Worshipful Company of Carpenters, London Wall) admitted at Half fees

Prizes, Gold Silver and Bronze Medals are awarded

SYLLABUS OF THE EVENING CLASSES

Lectures and classes on ARCHITECTURE AND BUILDING CONSTRUCTION are held on Monday evenings from 7 to 8 p.m., and will comprise subjects in which candidates are examined at the Royal Institute of British Architects' examinations; the examination for membership of the Society of Architects; the Examination for Professional Associateship of the Surveyors' Institution. Fee £1 1s. for each term or £2 12s. 6d for the course of three terms. The Worshipful Company of Carpenters award Silver and Bronze Medals, prizes in Books and Certificates. The Alderman Faudel Phillips medal is also given for Sanitary Building Construction

CONSTRUCTIONAL DRAWING CLASSES are held each Monday and Friday from 8 to 9 p.m. The Students are taught the preparation of Working and Detail Drawings of the various subjects dealt with by the Professor in his Lectures, also Building Construction Drawing and details of all the several trades. Fee for each term 10s. 6d., or £1 1s for the Course (three terms. Prizes in Books and Certificates are awarded at the end of the academical year

A Class for instruction in QUANTITIES is held every Friday evening from 6.30 to 7.30. The Students will be instructed how to prepare a complete set of measurements, square and abstract same, and complete the Bills of quantities for a building, from an example in accordance with the London Practice. Fees for each term 15s., for the full course of three terms, £2 2s. Prizes in Books and Certificates are awarded at the end of the academical year.

Students of limited means are (on application to the Worshipful Company of Carpenters, London Wall) admitted at half fees.

Students attending the various classes have the use of the Library belonging to the Worshipful Company of Carpenters.

UNIVERSITY COLLEGE, LONDON.

THE CLASSES OF ARCHITECTURE AND CONSTRUCTION.

From October, 1895, *to June*, 1896.

PROFESSOR T. ROGER SMITH, (*f*).

SYLLABUS

THE treatment of this subject is divided into two separate Courses: A and B

A.—ARCHITECTURE AS A FINE ART. B ARCHITECTURE AS A SCIENCE.

Each of the courses A and B consists of Thirty Lectures in the year, divided into three terms of ten lectures each, one of which will be delivered every week, viz.—A. Every Tuesday, from 6 to 7.10. B. Every Wednesday from 6 to 7.10.*

Fees.—For the courses A and B, £11 11s.; for one term, £4 4s. For the course A or B, £6 6s; for one term £2 12s. 6d.

Drawing Classes for Architectural Drawing and Building Construction, established by the Carpenters' Company are held on the evenings of Monday, Tuesday, and Wednesday, from 7 to 9 during each term. *Fees* For one term, 10s. 6d.; for the session, 25s.

A class for Quantity Surveying is held on Thursday evenings, from 7 to 9 p.m, October to March. *Fees* For one term 12s. 6d., for two terms, 21s.

* On a few occasions, of which previous notice will be given to the Class, the lecture will not be delivered on the regular evening, but on an evening to be arranged with the Class.

APPLIED ART

From October to March

MR. HUGH STANNUS, (*f*), LECTURER

There will be two Courses, each consisting of Ten Lectures, which will be given in the Library of the Slade School, on Tuesdays and Thursdays, from 5 to 6 p.m.

A — Ornament and its Application

B — Decoration

Fees.—For A or B, £1 1s.; for both, £1 11s. 6d.

ROYAL ARCHITECTURAL MUSEUM

AND

WESTMINSTER SCHOOL OF ART.

In connection with the Science and Art Department.

18, TUFTON ST., DEAN'S YARD, WESTMINSTER, S.W.

President—HIS GRACE THE DUKE OF WESTMINSTER

Hon. Secretary—MAURICE B. ADAMS (*f*).

Curator and Assistant Secretary—FRANCIS FORD

THE Royal Architectural Museum is open Free Daily, from 10 till 4, and on Saturdays till 6 p.m., on visitors entering their names and addresses in a book provided for that purpose. Subscribers, and friends holding their orders, have the privilege of drawing from the objects in the Museum.

WESTMINSTER SCHOOL OF ART.

Teaching Staff

Drawing and Painting from the Life and Antique—MOUAT LOUDAN.

Elementary Drawing, Decorative Painting Design, Applied Art, and Drawing from the Antique—J. HOLGATE.

Modelling and Architectural Decoration—F. E. E. SCHENCK.

Evening Classes are held at the Royal Architectural Museum on Monday, Wednesday, and Friday, for Freehand and Model Drawing, Building Construction, Modelling, Drawing from the Antique and from the Life. There are also Day Classes and a Saturday Class for Drawing from the Life.

Ladies' Day Classes for Drawing from the Life are held on Monday, Wednesday, and Friday; Evening Classes for Drawing from the Life on Tuesday and Thursday; Day Costume classes on Tuesday, Thursday, and Saturday, and there is also a Ladies' Class for Still Life Painting on Saturday afternoon.

Provision is made for payment of the fees of a certain number of students, workmen resident in the City of Westminster, or the sons of such workmen.

Prospectuses and further information may be obtained of Mr. Francis Ford, Curator and Assistant Secretary, either by letter or by personal application on any Class Evening.

Acts of Parliament & Legal Decisions of the Year 1895.

Compiled by John Warburton, Solicitor

AIR.

Undefined Passage of Air.

Every man has a natural right to enjoy the air pure, and free from noxious smells or vapours, and anyone who sends on his neighbour's and that which makes the air impure is guilty of a nuisance. But a man must not impose an obligation on his neighbour, by having a want of proper ventilation on his own premises. An interference with air which is not otherwise actionable cannot be restrained on the ground of nuisance. Unless the right to have a free passage of air over the land of another has been acquired by lapse of time, the mere diminution of quantity is not a nuisance at law. An undefined passage of air is too vague to form the subject matter of a grant or presumption of a grant.—(*Chastey v. Auckland*, 1895, 2, *Ch.* 389, 72, L. T., 845).

ANCIENT LIGHTS.

1.—Enjoyment for more than Nineteen Years

In an action to restrain the interference with the plaintiffs' lights by the defendants building upon the vacant sites of four old houses known as Nos. 72, 73, 74, and 75, which had been pulled down in 1875, it appeared that No. 75 had been pulled down before the end of June, 1875, the others in October of the same year. This action was commenced in July, 1895. The enjoyment of light on which it was founded was that which the plaintiffs had enjoyed since the pulling down of the houses respectively. Sec. 3 of the Prescription Act (2 and 3 Vict., C. 71, Sec. 3 and 4), gives an absolute right to light after twenty years' enjoyment without interruption, and Secs. 4 defines interruption to mean interruption for a whole year. It was argued that the plaintiffs were entitled to an injunction with respect to the buildings on the sites of all the old houses, because, though light had not been enjoyed over the sites of Nos. 72, 73, and 74, for fully twenty years, it was plain that there could not now be any interruption within Sec. 4 before the end of twenty years (*Flight* v. *Thomas*, 8 Cl & Fin 231). It was *held*, that the court would not grant an injunction to protect the inchoate right The injunction was granted as to the site of No. 75, in which case the full twenty years had elapsed, but as to Nos. 72, 73, and 74, the defendants were only restrained from building above the height of the buildings pulled down in 1875 The Decision in *Governors of Bridewell Hospital* v. *Ward, Loch, and Co* (68 L. T, Rep. 212, followed. *Lord Battersea* v. *The Commissioners of Sewers*.—(*Law Times, Aug.* 3, 1895, W. N. 127, 11).

2.—Evasion of Writ—Light.

On May 23rd A wrote to B complaining of a building B was erecting as interfering with ancient lights. On May 24th A commenced an action. B evaded service till May 28th, and in the meantime hurried on the building and carried it up to its full height.

Held that A was entitled to a mandatory injunction as to that part of the building erected between May 24th and 28th.—(*Joel* v *Hornsey*, C.A., 1895 W.N. 122)

3.—House Unfurnished Twenty Years before Action.

A house having, twenty years before action brought, been structurally completed, the windows being placed, the joists laid, and the roof slated, but the window-sashes being not then in, and it being otherwise not completed internally, so as to be fit for habitation, an injunction was granted to restrain an interference with the access of light to the windows.—(*Collis* v *Laugher*, 1894, 3, *Ch.* 659; 63, L. J., *Ch.* 851; 71, L. T., 226, 43, W. R., 202).

4.—Skylights, Obstruction—Injunction.

The plaintiff was the owner of a house in East London, the top storey or loft of which was lighted by four large skylights in a sloping roof, which were ancient lights. The loft was at present used as a builder's lumber or store-room, but was suitable for use as a carpenter's shop, or such-like purposes. The defendants were about to erect, on the adjoining land, a lofty warehouse which, it appeared, would materially obstruct both the lateral and the vertical light to the loft through the skylights.

Kekewich, J., in giving judgment, said that, except as to the incidence of light, there was no difference in principle, or in fact, between skylights and windows of any other character, and that it was extremely valuable to a room lighted by skylights to have lateral as well as vertical light; and he held that the plaintiff was entitled to have the uninterrupted access of light, through his ancient skylights for any purposes, such as a carpenter's shop, for which the loft might be used, and accordingly granted a perpetual injunction with costs.—(*Harris* v. *Kinloch & Co.*, 1895, W. N 60).

5.—Discretion as to Granting Injunction—Lord Cairns' Act

Where the plaintiff's ancient lights have been obstructed to a substantial extent by a new-building, and will be still further obstructed by the carrying out of the building scheme, the plaintiff *prima facie* is entitled to an injunction to restrain such further obstruction, the Court having no discretion to award damages in lieu thereof. The Court of Appeal, however awarded damages in respect of the obstruction caused by the part of the building already erected. —(*Martin* v *Price*, 1894, 1, *Ch.*, 276, 63, L. J., *Ch.* 209; 70, L. T., 202; 42, W R, 262)

[*See also under "Injunction or Damages, page* 653].

BUILDING CONTRACT

1.—Architects' Certificates.

The plaintiffs contracted with the defendant to build shops and premises in College Street, Swansea, at the price of about £4,000. The Form of Contract adopted was that issued by the National Association of Master-Builders Liverpool. The builders claimed to have completed the work in or about April, 1894. The defendant, however, would not admit that the works were completed, and from time to time sent lists of additional work, which the plaintiffs at once carried out. The defendant still contended that the works were not completed, and also objected to the amounts of various items in the plaintiffs' account of extras. Ultimately he gave the architects full details of his objections and the architects thereupon measured up the work, and on the 14th June granted a final certificate under Clause 20 of the contract. The defendant then repudiated the certificate, and claimed that he was entitled to go to arbitration. Under these circumstances the plaintiffs commenced an action for the amount due upon the final certificate. The case was tried before Mr. Justice Lawrance, who gave judgment for the plaintiffs, holding that Clause 20* was not subject to the operation of Clause 22,* and that

* These Clauses 20 and 22 of the Conditions of Contract referred to are identical with Clauses 28 and 30 of the Institute Paper (now superseded) of "Heads and Conditions" [see p. 505] of the Journal.

the certificate, having been given in good faith, was final and conclusive.

The Master of the Rolls gave judgment on appeal as follows —In this case, the action is brought by builders against the building owner on a contract made between them. The action is brought for the price of work done under that contract and the plaintiffs rely upon this: they state that they had done the work, and that they had obtained, under Section 20 of the contract between them and the defendant, a certificate from the architect, and that that certificate was conclusive evidence of the works having been duly completed and that the contractor was entitled to receive payment of the final balance. Well, that is Section 20 of the contract. If nothing had happened to prevent the application of that section, it is obvious that the plaintiffs are right, and must be entitled to recover, and the Judge has so held. Then the defendant says he relies upon Section 22 and he says that before the architect had given this certificate an open dispute known to both parties and known to the architect had arisen between the two parties, the contractors and the building owners, as to this work; and that when that dispute openly had arisen, and it cannot be denied that it was existing and was known to them both and was known to the architect, then by Section 22 of the contract the architect's power to give the certificate relied upon by the plaintiffs was entirely gone, and that the dispute must be settled under Section 22 by an arbitrator. It seemed to me difficult for some time to see how to reconcile Section 20 and Section 22, but I have come to the conclusion that the contention of the defendant is right that Section 20 stands; but that Section 22 is a proviso upon it and that if the conditions mentioned in Section 22 arise before the architect exercises his power of granting a certificate then his power to grant a certificate is gone. I think those conditions did arise in this case, because the dispute was an open dispute as to the works having been duly completed, and that dispute was known to both sides and therefore brought the case within Section 22, and that was before the architect had given his certificate. When he gave it, therefore, he had no power to give it, and it was of no effect, and I am of opinion that therefore the defendant was right, that the action cannot be maintained, but that the case must go to arbitration. We think, therefore, that we must allow the appeal, and that the judgment of the learned Judge was wrong.

Lord Justice Lopes.—This is a rather peculiar case. The building owner here seeks to be relieved from the effect of a final certificate of his architect. For some time I thought the certificate was final and conclusive, and could not be impugned. The case, however, depends upon the true construction of two clauses in the building contract namely Clauses 20 and 22. Now it is most important to bear in mind in this case that it was assumed—in point of fact, it was admitted, I may say—that there were disputes with regard to the due completion of the work in existence before the giving of the final certificate of the architect, and that the architect knew of such disputes, and with such knowledge gave his final certificate. That is assumed, and, as I say admitted. Then it depends upon the true construction of these two clauses. Clause 20 is: "A certificate of the architect," and then follow these material words, "or an award of the referee, hereinafter referred to, as the case may be," having the effect, as it appears to me, at once of showing that the certificate of the architect may be overridden or altered, or there may be a substitution of an award of the referee for the architect's certificate: "A certificate of the architect, or an award of the referee hereinafter referred to, as the case may be, showing the final balance due or payable to the contractor, is to be conclusive evidence of the works having been duly completed, and that the contractor is entitled to receive payment of the final balance, but without prejudice to the liability of the contractor under the provisions of Clause No. 12." I now come to Section 22. In my judgment that section overrides Section 20 to the extent that in certain cases, and in this particular case to which I have alluded, namely, where disputes had arisen before the giving of this final certificate, it overrides what otherwise would be the effect of Section 22. I will not read Section 22 at length, but it provides that "in case any question, dispute, or difference shall arise"—between whom?—"between the proprietor or the architect on his behalf"—that is, the building owner or his architect—"and the contractor as to what additions," and so on. I will not read that—"as to the works having been duly completed." Then what is to happen? Then this is to happen. The matter is to be referred to the arbitration and final decision of a gentleman named, and the award of such a gentleman, called here the referee, is to be equivalent to a certificate of the architect, and the contractor is to be paid accordingly. Therefore, it appears to me, in the circumstances which have arisen in this case, the award of the referee is to take the place of the certificate of the architect, and in point of fact is to override it. I think the meaning of the two sections taken together is this, that the certificate of the architect is to be final and conclusive if there is no dispute; but if there is a dispute, then the award of the referee is to take the place of the certificate, and is to be substituted for it. Under these circumstances I think that in this case the learned Judge was wrong, and that this appeal ought to be allowed.

Lord Justice Rigby.—I am of the same opinion. On the construction of the agreement in this case, and particularly Clauses 20 and 22, it was in my judgment the intention of the parties, shown by the language of the agreement, that, with the exception of the cases particularly mentioned in Clause 22, every dispute that might arise should be referred, not to the architect, but to the special referee mentioned in Clause 22. The excepted matters are described as matters left during the progress of the works to the sole decision or requisition of the architect under Clauses 2, 10 and 11. It has nothing to do with a dispute arising on the final completion of the works. It is shown in the case that a dispute did arise, and was made known to the architect and also to the opposite party. In my judgment the jurisdiction of the architect to make a final certificate was thereby ousted, and the dispute fell to be determined by the special referee. The final certificate actually given was under the clauses *ultra vires* and of no effect, and the judgment for £281 6s. 11d., which by that final certificate would appear to be due, entered for the plaintiffs must be set aside.—(*Lloyd v. Milware. See Journal of Royal Institute of British Architects.* 5·

2.—Non-completion by Specified Date—Penalties—Transfer of Contract

On the 31st December, 1889 the plaintiff company entered into a contract with one Brigg for the construction by him of a reservoir. By a clause in this contract it was agreed that, if he should not deliver up the completed works by the 31st September, 1891, or such other day to which the period of completion might be extended by the company's engineer, he should pay to the company, as and for liquidated damages, the sum of £500, together with a further sum of £5 per diem for each and every day which might elapse between such day of completion and the time of delivery. These sums might be deducted by the company from any sum due by them to Brigg. There was also a clause providing that in certain events the company might terminate the contract so far as respected the performance of it by Brigg, "but without thereby affecting in other respects the liabilities of the said contractor," and in that case the company might enter upon and take possession of the works, and sell or use the plant as they might think fit. In November, 1892 Brigg became unable, through want of funds, to go on with the works. The company then, in pursuance of the agreement, terminated the contract and entered into possession of the works. On the 5th December the defendant, who was a surety for the due performance by Brigg of his contract, entered into an agreement with the company to complete the works. He then entered upon the works and completed them on the 22nd September, 1893. The day fixed for completion by the company's engineer was the 16th January, 1893. The delay in the completion was in no way due to anything done by the defendant, but was caused solely by the delay of Brigg while he was engaged upon the works. By the agreement of the 5th December between the company and the defendant, it was agreed (*inter alia*) that he should complete the works upon the express condition that nothing in the contract contained should be construed to rescind, alter, or vary any of the terms or conditions of the company's agreement with Brigg, but that all the terms and conditions should remain in full force and virtue, it being the intention of the parties that everything should stand upon the same footing both during the completion of the works and in finally settling accounts, as if the agreement of the 5th December had not been made, with the exception that the defendant should be allowed to complete the works. After the completion the company claimed to deduct from money due from them to the defendant the sum of £1,745, being the sum of £500 and £5 per diem in respect of the delay of the completion after the date fixed by the company's engineer. Upon this question a special case was stated by the arbitrator appointed to decide disputes between the parties. Held, that, upon the true construction of the contracts between the company and Brigg and between the company and defendant, the defendant was liable to the penalties agreed upon in the contract with Brigg for the delay in the completion of the works.—(*Yeadon Waterworks Company* v. *Wright* 72 L. T. 538.)

3.—Injunction or Damages—Electric Lighting—Vibration

In a case of continuing actionable nuisance the jurisdiction of the Court to award damages instead of an injunction ought only to be exercised under very exceptional circumstances. Per A. L. Smith, L. J., damages may be given instead of an injunction when the following requirements are all found in conjunction, *viz.*, where the injury to the plaintiff's rights is (1) small, (2) capable of being estimated in money, (3) capable of being adequately compensated by a small sum (4) when an injunction would be oppressive. (*Shelfer* v. *City of London Electric Lighting Co. Meux's Brewery Co.* v. *The Same* No. 1 1895, 1 Ch. 287.)

FACTORY AND WORKSHOP ACT, 1895.

(58 & 59 VICT., CH. 37.)

Sec. 1.—(1.) A factory shall for the purpose of section three of the principal Act, and a workshop shall for the purpose of the law relating to public health, be deemed to be so overcrowded as to be dangerous or injurious to the health of the persons employed therein, if the number of cubic feet of space in any room therein bears to the number of persons employed at once in the room a proportion less than two hundred and fifty or, during any period of overtime, four hundred, cubic feet of space to every person.

(2.) Provided that the Secretary of State may, by order made in accordance with section sixty-five of the principal Act, modify this proportion for any period during which artificial light other than electric light is employed for illuminating purposes, and may by like order, as regards any particular manufacturing process or handicraft, substitute for the said figures of two hundred and fifty and four hundred respectively any higher figures, and thereupon this section shall have effect as modified by the order.

(3.) Section seventy-eight of the principal Act shall be read as if there were included among the notices required by that section to be affixed a notice specifying the number of persons who may be employed in each room of the factory or workshop by virtue of this section.

Secs. 2 to 9 *contain provisions for orders as to dangerous factory or workshop, notices to sanitary authority, orders as to dangerous machines, penalties for employment of persons in places injurious to health and for allowing wearing apparel to be made in places where there is infectious disease, and an amendment of* 41 *and* 42 *Vict.* c. 16, s. 5, *as to fencing, an Amendment of* 41 *and* 42 *Vict.* c. 16, s. 9, *as to restriction on cleaning of machinery in motion, and a regulation as to position of self acting machine.*

Sec. 10.—(1.) A court of summary jurisdiction may on complaint by an inspector, and on being satisfied that the provision of a moveable fire escape or moveable fire escapes is required for the safety of any of the persons employed in a factory or workshop, by order require the occupier of the factory or workshop to provide and maintain a moveable fire escape or moveable fire escapes sufficient for that purpose.

(2.) While any person employed in a factory or workshop is within the factory or workshop for the purpose of employment or meals the doors of the factory or workshop, and of any room therein in which any such person is, shall not be locked or bolted or fastened in such a manner that they cannot be easily and immediately opened from the inside.

(3.) In every factory or workshop the construction of which is commenced after the commencement of this Act, the doors of each room in which more persons than ten are employed, shall, except in the case of sliding doors, be constructed so as to open outwards.

(4.) Sub-section one of section seven of the Act of 1891 shall apply to all workshops the construction of which is commenced after the commencement of this Act, and in which more than forty persons are employed, in like manner as it applies to factories and sub-section two of that section shall apply to all workshops to which the foregoing provision of this sub-section does not apply, in like manner as it applies to factories.

(5.) For the purpose of enforcing the provisions of section seven of the Act of 1891 with respect to fire escapes, an inspector may give the like notice and take the like proceedings as under section four of the principal Act and section two of the Act of 1891, and the provisions of those sections shall apply accordingly.

(6) If there is any contravention of an order under this section the occupier of the factory or workshop shall be liable to a fine not exceeding forty shillings a day during such contravention, and a factory or workshop in which there is a contravention of the requirements of this section shall be deemed not to be kept in conformity with the principal Act.

Sec. 11.—(1.) An application to refer, under section seven of the Act of 1891, a difference as to a notice by a sanitary authority or by the London County Council must be made within one month after the time when the difference arises.

(2.) Where such a difference is referred to arbitration, the notice of the sanitary authority or council shall be discharged, amended or confirmed in accordance with the award in the arbitration.

Sec. 12.—Where any matter in difference is referred to arbitration under section eight of the Act of 1891, the arbitrators or umpire may, on the application of any of the workmen employed in the class of employment to which the arbitration relates, and on such security, if any, as may appear to the arbitrators or umpire sufficient to provide for the costs of and consequential on the application, appoint any person to represent the workmen, or any class of them, on the arbitration, and any person so appointed shall be entitled to attend and take part in the proceedings of the arbitration either in person or by his counsel, solicitor, or agent to such extent and in such manner as the arbitrators or umpire may direct, and shall be subject to the same liability with respect to such costs as aforesaid as if he were a party to the arbitration.

Sec. 13 *contains an extension of* 41 *and* 42 *Vict.* c. 16 s. 82, *to death or injury caused by neglect of Act or special rules.*

Secs. 14 to 21 *contain provisions as to employment, holidays and accidents.*

Sec. 22.—(2) In the case of every laundry worked by steam, water, or other mechanical power—

(a) a fan or other means of a proper construction shall be provided, maintained, and used for regulating the temperature in every ironing-room, and for carrying away the steam in every wash-house in the laundry, and
(b) all stoves for heating irons shall be sufficiently separated from any ironing room, and gas irons emitting any noxious fumes shall not be used, and
(c) the floors shall be kept in good condition and drained in such manner as will allow the water to flow off freely.

A laundry in which these provisions are contravened shall be deemed to be a factory not kept in conformity with the principal Act.

(3.) Nothing in this section shall apply to any laundry in which the only persons employed are—

(a) inmates of any prison, reformatory, or industrial school, or other institution for the time being subject to inspection under any Act other than the Factory Acts; or
(b) inmates of an institution conducted in good faith for religious or charitable purposes, or
(c) members of the same family dwelling there,

or in which not more than two persons dwelling elsewhere are employed.

(4.) Women employed in laundries may work overtime, subject to the following conditions:—

(a) No woman shall work more than fourteen hours in any day.
(b) The overtime work shall not exceed two hours in any day.
(c) Overtime shall not be worked on more than three days in any week or more than thirty days in any year.
(d) The requirements of section sixty-six of the principal Act and of section fourteen of the Act of 1891 with respect to notices shall be observed.

Sec. 23.—(1.) The following provisions, namely

(i) Section eighty-two of the principal Act,
(ii) The provisions of the Factory Acts with respect to accidents,
(iii) Section sixty-eight of the principal Act with respect to the powers of inspectors,
(iv) Sections eight to twelve of the Act of 1891 with respect to special rules for dangerous employments, and
(v) The provisions of this Act with respect to the power to make orders as to dangerous machines

shall have effect as if—

(a) every dock, wharf, quay, and warehouse, and, so far as relates to the process of loading or unloading therefrom or thereto, all machinery and plant used in that process; and
(b) any premises on which machinery worked by steam, water, or other mechanical power is temporarily used for the purpose of the construction of a building or any structural work in connexion with a building

were included in the word factory and the purpose for which the machinery is used were a manufacturing process and as if the person who by himself, his agents or workmen temporarily uses any such machinery for the before mentioned purpose were the occupier of the said premises and for the purpose of the enforcement of those sections the person having the actual use or occupation of a dock, wharf, quay, or warehouse, or of any premises within the same or forming part thereof, and the person so using any such machinery, shall be deemed to be the occupier of a factory.

(2.) The provisions of this Act with respect to notice of accidents and the formal investigation of accidents shall have effect as if—

(a) any building which exceeds thirty feet in height, and which is being constructed or repaired by means of a scaffolding and
(b) any building which exceeds thirty feet in height, and in which more than twenty persons, not being domestic servants, are employed for wages;

were included in the word "factory," and as if in the first case, the employer of the persons engaged in such construction or repair, and, in the second case, the occupier of the building, were the occupier of a factory.

Tenement Factories.

Sec. 24. (1) Where mechanical power is supplied to different parts of the same building occupied by different persons for the purpose of any manufacturing process or handicraft in such manner that those parts constitute in law separate factories, the owner (whether or not he is one of the persons so in occupation) of the building (which building is hereafter in this Act referred to as a tenement factory, shall, instead of the occupier, be liable for the observance, and punishable for non-observance of the following provisions, namely:

(*a*) Section three of the principal Act, with respect to the sanitary condition of a factory, and

(*b*) Sections five and eighty-two of the principal Act, with respect to the fencing of machinery in a factory, except so far as those sections relate to such parts of the machinery as are supplied by the occupier, and

(*c*.) Save as herein-after provided section nineteen of the principal Act, with respect to the notices to be affixed in a factory, and the matters to be specified therein, and

(*d*.) Section thirty three of the principal Act, with respect to the limewashing and washing of the interior of a factory, so far as it relates to any engine house passage, or staircase, or to any room which is let to more than one tenant and

(*e*.) Section thirty-six of the principal Act, with respect to the removal of dust, so far as that section requires the supply of pipes or other contrivances necessary for working the fan or other means for that purpose, and except in textile factories, and

(*f*.) Section seventy-eight of the principal Act, with respect to the affixing of an abstract and notices.

(2.) Where different industries are carried on in the same tenement factory the obligation to affix the notice required by section nineteen of the principal Act shall be on the occupier and not on the owner

(3.) Sections eight to eleven of the Act of 1891, shall, if and as far as in the case of a tenement factory the Secretary of State by order so directs, apply as if the owner of the factory were substituted for the occupier

(4.) The provisions of this Act with respect to the power to make orders in the case of dangerous premises shall apply in the case of a tenement factory as if the owner were substituted for the occupier

(5.) Where, by or under this section the owner of a tenement factory is substituted for the occupier with respect to any provisions of the Factory Acts, any summons, notice, or proceeding, which for the purpose of any of those provisions is by the said Acts or any of them authorised or required to be served on or taken in relation to the occupier, is hereby authorised or required (as the case may be) to be served on or taken in relation to the owner.

(6.) For the purpose of the provisions of this Act with respect to tenement factories all buildings situate within the same close or curtilage shall be treated as one building

(7.) This section shall not apply in the case of any occupier paying a rent in excess of two hundred pounds a year

Sec. 25.—(1.) Where grinding is carried on in a tenement factory, the owner of the factory shall be responsible for the observance of the regulations set forth in the First Schedule to this Act

(2.) In every such tenement factory it shall be the duty of the owner and of the occupier of the factory respectively to see that such parts of the horsing chains and of the hooks to which the chains are attached as are supplied by them respectively are kept in efficient condition

(3.) In every tenement factory where grinding or cutlery is carried on the owner of the factory shall provide that there shall at all times be instantaneous communication between each of the rooms in which the work is carried on and both the engine-room and the boiler house.

(4.) A tenement factory in which there is any contravention of this section shall be deemed not to be kept in conformity with the principal Act, but for the purposes of any proceeding in respect of a a provision for the observance of which the owner of the factory is responsible that owner shall be substituted for the occupier of the factory

(5.) This section shall not apply to a textile factory

Sec. 26.—A certificate of the fitness of any young person or child for employment in a tenement factory shall be valid for his similar employment in any part of the same tenement factory

Sec. 27.—(1.) Sections thirty-four and thirty-five of the principal Act shall apply to every bakehouse, and so much of those sections as limits the operation thereof to cities towns, and places having a population of more than five thousand persons shall be repealed

(2.) In section fifteen of the Factory and Workshop Act, 1883, the words, "which was not so let or occupied before the first day of June, one thousand eight hundred and eighty-three" shall be repealed

(3.) A place under ground shall not be used as a bakehouse unless it is so used at the commencement of this Act and if any place is so used in contravention of this Act it shall be deemed to be a workshop not kept in conformity with the principal Act.

Sec. 28 *contains a power to prohibit or restrict employment in dangerous trade.*

Sec. 29 *contains provisions for notification of certain diseases to chief inspector*

Sec. 30.—(1.) In every factory or workshop where lead, arsenic, or any other poisonous substance is used, suitable washing conveniences shall be provided for the use of the persons employed in any department where such substances are used

(2.) A factory or workshop in which there is a contravention of this section shall be deemed not to be kept in conformity with the principal Act

Sec. 31.—(1.) The Cotton Cloth Factories Act, 1889, shall apply to every textile factory in which atmospheric humidity is artificially produced by steaming or other mechanical appliances and which is not for the time being subject to special rules under section eight of the Act of 1891, with such modifications of the schedule with respect to the maximum limits of humidity as the Secretary of State by order made in accordance with section sixty-five of the principal Act may direct

(2.) In section nine of the Cotton Cloth Factories Act, 1889, the words "and the arrangements for such ventilation shall be kept in operation subject, as far as possible, to the control of the persons employed therein," shall be repealed.

Sec. 32.—(1.) In every factory and workshop adequate measures shall be taken for securing and maintaining a reasonable temperature in each room in which any person is employed

(2.) A factory or workshop in which there is a contravention of this section shall be deemed not to be kept in conformity with the principal Act

Sec. 33.—Section thirty-six of the principal Act shall extend to any factory or workshop where any process is carried on by which any gas, vapour, or other impurity is generated and inhaled by the workers to an injurious extent.

Sec. 34 *provides for annual returns of persons employed*

Sec. 35.—(1.) In every place where section twenty-two of the Public Health Acts Amendment Act 1890, is not in force every factory or workshop shall be provided with sufficient and suitable accommodation in the way of sanitary conveniences, having regard to the number of persons employed in or in attendance at the factory or workshop, and also where persons of both sexes are employed or intended to be employed, or in attendance, with proper separate accommodation for persons of each sex.

(2.) A factory or workshop in which there is a contravention of this section shall be deemed not to be kept in conformity with the principal Act

Secs. 36 to 42 *contain amendments of* 41 & 42 *Vict. c.* 16. *ss.* 13, 14, *as to period of employment, and of* 41 & 42 *Vict. c.* 16. *s.* 53, *and of* 41 *and* 42 *Vict. c.* 16, *s.* 58 *as to shifts, and provisions for power to treat separate branches as separate factories, and respecting particulars of wages to be furnished in certain cases, and as to notices of existing workshops, and an amendment and extension of* 54 & 55 *Vict. c.* 75. *s.* 27, *respecting lists of out workers*

Sec. 43.—Failure to enter in the register kept in pursuance of section seventy-seven of the principal Act the prescribed particulars as to lime-washing shall be prima facie evidence of failure to observe the requirements of the Factory Acts with respect to lime-washing

The remaining sections are amendments of 41 *and* 42 *Vict. c.* 16. *ss.* 66, 75 54 *and* 55 *Vict. c.* 75. *s.* 20, *and* 41 *and* 42 *Vict. c.* 16. *s.* 68, *as to powers of inspector, and refer to special inquiries and re-examinations by certifying surgeons, the publication of orders, service of documents, evidence, proceedings before magistrates, application of Acts to Ireland and interpretation (which provides that the expression "owner" has the meaning given to it by section four of the Public Health Act, 1875), and repeal, &c*

FIRST SCHEDULE

REGULATIONS AS TO GRINDING IN TENEMENT FACTORY.

(1) Boards to fence the shafting and pulleys, locally known as drum boards shall be provided and kept in proper repair

(2) Hand rails shall be fixed over the drums and kept in proper repair

(3) Belt guards, locally known as scotchmen shall be provided and kept in proper repair.

(4) Every floor, which is constructed after the commencement of this Act, shall be so constructed and maintained as to facilitate the removal of slush and all necessary shoots, pits, and other conveniences shall be provided for facilitating such removal

(5) Every grinding room or hull, which is established after the commencement of this Act shall be so constructed that for the purpose of light grinding there shall be a clear space of three feet at least between each pair of troughs and for the purpose of heavy grinding there shall be a clear space of four feet at least between each pair of troughs and six feet at least in front of each trough

(6) The sides of all drums in every grinding-room or hull shall be closely fenced

(7) Except in pursuance of a special exemption granted by the Secretary of State, no grindstone shall be run before any fire place or in front of another grindstone

(8) No grindstone erected after the commencement of this Act shall be run before any door or other entrance.

LANDS CLAUSES (TAXATION OF COSTS) ACT. 1895

(58 VICT., CH. 11)

1.—(1.) Where under the Lands Clauses Consolidation Act, 1845 or any Act incorporating the same, any question of disputed compensation is determined by the verdict of a jury, or by arbitration, the costs of and incidental to the inquiry or to the arbitration and award (as the case may be), shall, if either party so requires, be taxed and settled as between the parties by one of the masters of the Supreme Court, and such fees shall be taken in respect of the taxation as may be fixed in pursuance of the enactments relating to the fees to be taken in the offices of those masters and all those enactments (including the enactments relating to the taking of fees by means of stamps) shall extend to the fees in respect of such taxation.

(2.) Section forty-five of the Regulation of Railways Act, 1868, and section one of the Lands Clauses Consolidation Act, 1869, are hereby repealed.

2. This Act may be cited as the Lands Clauses (Taxation of Costs) Act, 1895

LANDLORD AND TENANT

REPAIRING COVENANT IN UNDERLEASE—MEASURE OF DAMAGES.

A lease was granted in 1840 to R for 61 years from Michaelmas 1837 In March, 1851, R granted an underlease to O for the original term less the last ten days thereof R was now represented by the plaintiffs, and O by the defendant C. The defendant B was assignee of the underlease which contained a covenant by the underlessee to keep the premises in repair The plaintiffs brought an action against the defendants C and B to recover damages for alleged breach of the covenant. Romer, J., in December, 1894, decided that there had been a breach of the covenant and referred the matter to the official referee to assess the amount of damages. The official referee assessed the damages at £1,305. The defendant B appealed. The plaintiffs contended that the proper measure of damages was the sum which it would cost to put the premises in proper repair, allowing a discount for the period for which the sub-lease had yet to run It was admitted that on this principle the sum of £1 305 was the right amount. The defendant B contended that the proper measure of damages was the amount of the depreciation in the value of the plaintiffs reversion The defendant B alleged that the buildings would be of little or no value at the end of the term in their existing condition, and that the owner would have then to pull them down, sell the materials and erect buildings of a different character. And it was contended that the proper measure of damages was the difference between the selling value of the materials as matters stood, and that which would have been their selling value if the covenant had been performed. This difference, it was said, would be only £200. *Held*, by the Court of Appeal that this was an ordinary action for breach of contract and was governed by the rule laid down in the case of Hadley *v.* Baxendale (9 Ex. 341); that the damages to which plaintiffs were entitled were measured by their liability over to their own lessors, this being one of the circumstances which were known to and contemplated by the underlessee; and that the damages were the difference between the value of the plaintiffs' reversion, with the covenant to keep in repair performed and its value with that covenant not performed. Held, therefore, that the official referee had acted upon a right principle; and that the appeal must be dismissed with costs.—(*Ebbetts v Conquest*, 1895, 2, *Ch.* 377, L.T., June 22nd, 192.)

THE LONDON BUILDING ACT, 1894.

DWELLING-HOUSES ON LOW-LYING LAND.

The following regulations have been made by the London County Council under Section 123 of the London Building Act, 1894 (57 and 58 Vict., ch. ccxiii).—

Every person who shall be desirous of erecting or adapting any building to be used wholly or in part as a dwelling-house on any land in the county of London of which the surface is below the level of Trinity high-water mark and which is so situate as not to admit of being drained by gravitation into an existing sewer of the Council, shall first make a written application for a licence. Such application shall be addressed to the Clerk of the Council

Such application shall contain a statement as to the nature and extent of the interest of the applicant in the building or buildings proposed to be erected or adapted, and be accompanied by a plan and section of the lowest floor of such building or buildings and the curtilages thereof to a scale of $\frac{1}{8}$th of an inch to a foot, and by a block plan to a scale of not less than $\frac{1}{2500}$ (which may be on a sheet or sheets of the Ordnance Survey, or may be drawn on tracing linen), showing the position of such building or buildings and the local sewer into which it is proposed to drain such building or buildings, and the connection of such local sewer with an existing sewer of the Council.

Such plans and sections shall be accompanied by a description of the materials to be used in the construction of such building or buildings, and shall be coloured in accordance therewith. The points of the compass shall be marked on the block plan.

The position and course of the drainage system proposed to be adopted for the disposal of sewage and rain water, and its connection with the local sewer or an existing sewer of the Council, shall be clearly shown on the plans and sections, and the diameter and inclination of the drain pipes shall be figured thereon.

The plan and section shall also indicate in figures the level above or below ordnance datum at which it is proposed to construct the floor of the lowest rooms.

The decision given by the Chief Engineer of the Council upon such application shall be reported to the Building Act Committee, and the Committee shall report it to the Council, and thereupon, if it is to the effect that the erection or adaptation may not be permitted, the Clerk of the Council shall by letter inform the applicant that the Council, acting upon the decision of the engineer, has refused permission. If it is to the effect that the erection or adaptation may be permitted, a licence under the seal of the Council embodying the conditions of the engineer's decision shall be issued to the applicant

The seal of the London County Council was hereunto affixed on the 3rd day of April, 1895 (Seal.)

H DE LA HOOKE, *Clerk of the Council*.

Signed on behalf of the Tribunal of Appeal in token of their concurrence in the foregoing regulations.

ARTHUR CATES, *Chairman of the Tribunal*

8th April, 1895.

The following regulation has been made by the Council under Section 122 of the London Building Act, 1894 —

It shall not be lawful to place the underside of the lowest floor of any permitted building at such a level as will render it liable to flooding, and every permitted building shall be efficiently and properly drained to the satisfaction of the engineer for the time being of the Council, either into a local sewer or into a main sewer of the Council

1—"BUILDING FOR PURPOSES OF TRADE" DIVISION BY FIRE-RESISTING MATERIALS.

At Clerkenwell Police Court, on the 3rd May, before Mr. Horace Smith, Samuel Salt builder, was summoned by the London County Council, at the instance of Mr. J. Douglass Mathews, District Surveyor of Clerkenwell, for having contravened section 74 subsection 2, of the London Building Act 1894 (57 & 58 Vict., c. ccxiii), in the erection of the White Horse beerhouse, Collier Street, Pentonville

The offence alleged was that the portion of the building used for the purposes of trade was not separated from the part of the building used for dwelling purposes by walls, floors, &c., of fire-resisting materials. Mr. Grain, for the defendent, argued that the building was practically commenced before the Act came into operation and further, that, being a public-house, it did not come under the section which dealt with premises used for the purposes of trade and manufacture, a beerhouse being classed with hotels and places for refreshment. A contract for building was actually entered into in April, 1894, and the Act was not passed until August, 1894, coming into force on January 1st, 1895. The building was being erected for Messrs Whitbread & Co. The actual signing of the document of contract was in September, 1894, after the passing of the Act. He contended that the section was intended to deal with large store buildings, and that a beerhouse was to all intents and purposes a private building For the prosecution, Mr. Berry argued that the contract referred to by Mr. Grain wasnot a contract entered into before the passing of the London Building Act, 1894, within the meaning of section 212 of that Act, and that a beerhouse was a building used partly for the purposes of trade and partly for domestic purposes. Mr. Horace Smith *held* that the contract submitted was not a contract contemplated by the Act. It was not a contract with the actual builder. He also held that a beerhouse was used for the purposes of trade. He made an order for the work to be done in accordance with the County Council's request, which was that the ceiling between the ground and first floors should be of fire-resisting materials It has been said that this decision, so far as it relates to sec. 212, is in conflict with that of Sir John Bridge in the Bedford Court Mansions Case, reported at page 264, it will be seen, however, that the circumstances of that case differed in a material point from those of the present.—(*Mathews v. Salt, Royal Institute of British Architects' Journal*, 524.)

2 — [illegible] UNDER SEC. 212.

The exemption from the operation of the London Building Act 1894 (57 & 58 Vict., C ccxiii.) contained in sec. 212 of that Act in favour of buildings to be carried out under any contract entered into before the passing of the Act applies not merely to buildings to be erected under a contract with a builder according to definite plans

and specifications, but also to buildings to be erected under an agreement for the development of a building estate.—(*Tanner v. Oldham*, D.C., Oct 26th, W N)

-STREET FOR TRAFFIC.

In a case stated by the magistrate for the opinion of the Court, it was stated that the site in question formed part of the site of the old Artillery Brewery and of a private house connected therewith In 1891 the brewing business ceased. In 1894, after the passing of the London Building Act, the appellant decided to extend the building by erecting flats around a quadrangle. When the proposed buildings are completed by extending them round the other three sides of the quadrangle, they will contain 42 flats (of which 14 are in the block already erected in Victoria street), and will have two entrances and staircases leading from the quadrangle. There will also be an estate office, with a separate entrance. There will be no entrance from the quadrangle except by the archway in Victoria street, which will be closed by lofty iron gates, and this archway and the quadrangle will be for the use of the tenants of the flats in the proposed new buildings and the tradesmen and others visiting them on business or pleasure, with or without carriages, and the public at large will be entirely excluded therefrom: and the magistrate delivered his decision in these words:—"I found as a fact that the place in question was a street, and I held that the appellant had, under the circumstances, commenced to form and lay out for carriage traffic within the meaning of section 7 of the said London Building Act, and I accordingly convicted the appellant and ordered him to pay a nominal fine."

Mr. Justice Grantham in giving judgment, said that, in the opinion of both their Lordships, the magistrate was wrong It was argued for the respondents that the Court ought not to interfere because the magistrate had found as a fact that this was a street, and it was said that other magistrates were entitled to find differently on exactly the same facts. The magistrate, however, was not entitled to find as a fact that which the law did not allow to be a fact. Turning to the facts, the owner had used the site of the brewery as a brewery for many years. In those days there were ways used by him for carts to the brewery. Those ways, in fact, were more like streets than the present courtyard would ever be. The appellant pulled down the brewhouse and stables, and proposed to build mansions round a quadrangle The plot being pulled down, he proposed to leave a lawn, with a road round it wide enough for the carriages and cabs brought there by the tenants of the mansion. The whole thing was as private as could be. The appellant reserved the whole right of permitting people and carriages to come in. Could this be said to be a street for carriage traffic within the meaning of the Act? The case of "Davies v London County Council" was not absolutely in point, but in it, and in other cases cited, a place such as the present was given as an instance of a place which could not be called a street. The Court was not asked to define the word "street," and did not mean to attempt it No one had yet done so. All that the Court had to say was whether the place in question was a street They thought it was not, and the conviction must be quashed.—(*Wood v. London County Council. The Times*, August 8th).

(*See also "Metropolis Management Act*," 1).

4 -PARTY WALL—"NEW BUILDING"

In this case it appeared that Redhouse proposed to re-build a six-storey warehouse, No. 3, Church street, which in consequence of a fire was taken down as dangerous in November, 1894, for more than one-half of its cubical extent, so that the proposed building would be a "new building" as defined by section 5, sub-section 6 of the London Building Act, 1894, which defines the expression "new building" as "any building which has been taken down for more than one-half of its cubical extent and re-erected, or commenced to be re-erected, wholly or partially, on the same site after the commencement of this Act." A notice of objection was served by the district surveyor on Redhouse. The matters in the notice were however, remedied with the exception of the objections made to the use without thickening of a wall, forming the west boundary of the site, as the party wall between the reinstated warehouse and the adjoining warehouse, No. 1, Church street, the said wall not being in conformity with the provisions of the Act as to new party walls. Before the fire the party wall had been the party wall between Nos. 1 and 3. So far as the party wall concerned No. 1, which had not been seriously injured by the fire, it had been reinstated in the course of the reinstatement of No. 1. These reinstatements had not amounted to the erection of a "new building" at No. 1. Redhouse appealed to the magistrate on the ground that he was not compelled by law to make the party wall conform to the provisions of the Act of 1894. The extent to which the party wall had been burnt and taken down in consequence of the fire amounted only to one-third of its superficial area. The remainder was safe The party wall had been erected in conformity with the previous Building Acts, but was not of the thickness required by the Act of 1894. Redhouse contended that as the party wall had not been taken down, burnt, or destroyed to the extent of one-half thereof, by virtue of section 208 of the Act of 1894 the proposed use by him of the party wall was not in contravention of the Act. Section 208 enacts that "unless in any case the Council otherwise allow, where a party wall or external wall not in conformity with this Act has been taken down, burnt, or destroyed to the extent of one-half thereof (measured in superficial feet), every remaining portion of the old wall not in conformity with this Act shall either be made to conform therewith or be taken down before the re-building thereof." The surveyor, contended that the proposed re-erection being a "new building" within section 5, sub-section 6, of the Act of 1894, the party wall should be so erected as to comply with the provisions of the Act, and that there was no exemption enacted or implied in section 208. The magistrate held that Redhouse's contention was correct, and that he could not be compelled to take down, rebuild, or thicken the party wall. In the Divisional Court, Mr Justice Wills held that the magistrate's decision was right, Mr. Justice Wright dissenting. The magistrate's decision was accordingly affirmed

The judgment of the Court of Appeal was given by the Master of the Rolls, who said "that they could not find any section in the Act which enabled the surveyor to deal with this wall Section 10 of the former Act (the Metropolitan Building Act, 1855) seemed to have been dropped out of the present Act, and the Court could not read it in. As to section 5, that section merely defined the expressions used in the Act, and it was clear that it was not an enacting clause; and the Court dismissed the appeal.—(*Crow v. Redhouse The Times*, August 1).

(*See also Metropolis Management Act*, 3)

METROPOLIS MANAGEMENT ACT

1—STREET FOR TRAFFIC.

This was a special case stated by a metropolitan magistrate, raising the question whether a certain passage not dedicated to the public, and only leading to certain proposed artisans' dwellings, was a street "for traffic" within the meaning of the Metropolitan Management Act, 1882, 45 Vic., c. 14., sec 7 Such dwellings were to consist of 40 separate sets of chambers in two blocks, with about ten separate entrances on the ground floor on each side. Each block would contain about 150 persons. These buildings would be approached from Hunt Street through a gateway to be erected at the entrance of the approach to these buildings. This approach, which was the subject of the summons was to consist of a court or passage 200 ft long and 20 ft wide, with the buildings opening into it on either side. On the respondent's plan this space was called a "light area", on that of the appellants it appeared as "new street." This passage would not afford any communication with any street other than Hunt Street, and was intended and is for the use and convenience of the tenants of the said buildings fronting thereon. No road or passage way had existed on the site of the passage previously The respondent contended that he had not committed any offence, because the passage was only a private entrance for the use of the tenants of the artisans' dwellings, and had not been dedicated to the public. The magistrate dismissed the summons on the ground that the respondent had not commenced to lay out a new road, passage, or way as a street for foot traffic, as it was not intended to be used by the public, and, in his opinion, therefore, was not laid out or commenced to be laid out as a street for foot traffic within the meaning of the Act.

Mr. Baron Pollock, in giving judgment affirming the decision of the magistrate, said he did not consider the judgment of the Court to be a decision on a question of principle, but rather on a state of facts. The magistrate had come to the conclusion that this passage was not laid out for traffic within the meaning of the Act His decision must not be disturbed. It had been said that there was a difficulty in cases where no dedication had been made to the public, but the case of St Mary, Islington v. Barrett (L.R., 9 Q.B., 278) showed that a place might be a street, though not dedicated to the public That, however, was not the present question. Looking at the space which was here left for access to the tenements from the public street it was a very different case from that of a way which was really laid out as a street, except that the builder had enclosed it with gates at one end or at both. A builder could not thus prevent a passage which would otherwise be a street from being a street within the Act. Daw v. London County Council (59, L.J., M.C., 112) showed that There was no doubt that the way here was a new way. The magistrate was entitled to find for what purpose it was created.

Mr. Justice Wright concurred. It was clear that the Act might apply to places as to which no intention to dedicate was present, where a permissive use was granted to the public, or even in some places where none was granted But the learned judge doubted whether it would apply to a common access to a private dwelling house At any rate, it was competent to the justice to hold that the passage was not a street for purposes of traffic. This decision, however, must not be taken as an authority as to what was or was not "traffic" within the Act—(*London County Council v. Davis. The Times*, June 14th.)

(*See also "London Building Act*," 1)

—New Street—Paving Expenses—Mode of Apportionment

In making, under Sec. 77 of the Metropolis Management Amendment Act, 1862, an apportionment of the expenses, or estimated expenses, of paving a new street, the local authority is not bound to charge the owners of land bounding on such street rateably interse according to frontage or otherwise and the apportionment cannot, in the absence of *mala fides*, be questioned.—(*Metropolitan District Railway Co.* v. *Fulham Vestry*, C. A., 1895, 2 Q. B., 443.)

3.—Paving Expenses—Apportionment.

A road which was a turnpike road down to 1865, and previously to 1869 of a rural character, subsequently became a new street in the ordinary sense of the term by the erection of buildings alongside.

Held, that it was within the terms of sec. 105 of the Metropolitan Management Act, 1855, and that therefore the district board might pave it under that section and charge the expenses upon the frontagers.

Held, also that the fact that slight temporary repairs had been previously done by the district board to the footway of the road by tar painting it did not prevent them from exercising the powers given by the section. The principle on which the expenses of paving a new street have been apportioned by a district board amongst the owners liable in respect thereof cannot be questioned in any court.

Semble by A. L. Smith and Rigby L.J.J. that the commissioners, trustees, and other authorities referred to by sec. 112 of the Act of 1862 are authorities having control of the pavements or highways generally in the parish or place and do not include turnpike trustees.—(*Davies* v. *Greenwich Board of Works*, C. A., 1895, 2 Q. B., 219.)

4. Compulsory Taking of Land Co[illegible]

Where land has been taken compulsory, under Michael Angelo Taylor's Act, by the Vestry of a Metropolitan parish, for the purpose of widening a street, and the owner's compensation has been assessed by a jury, he is not entitled to be paid by the vestry his costs of the trial.—(*Reg.* v. *London Justices*, No. 5, 1895, 1 Q. B., 881).

5. "Drain" or "Sewer."

The owner of a rectangular piece of ground in the Metropolis erected thereon two blocks of buildings, consisting of forty-six sets of apartments. The blocks were divided by a paved yard, twenty feet wide. Across one end of the yard was a wall joining the outer walls of the two blocks which stood on the boundary of the piece of ground. Across the outer end of the yard, in a similar position, was a railing with an opening in it leading into a public thoroughfare, so that the piece of ground was completely fenced in all round except for the opening in the railing. The entrances of one block were from the yard, the entrances to the other block were from a public thoroughfare, but windows of this block received light from the yard. In the yard was a dustbin which was, in fact, used by the occupiers of both blocks. The drainage was by means of twelve drains running from the two blocks of buildings into a nine-inch pipe running under the yard into a sewer within 100 feet of the blocks.

Held, that, the nine-inch pipe was used for the drainage of "premises within the same curtilage" within the meaning of sec. 250 of the Metropolis Management Act, 1855, and was therefore a "drain" and not a "sewer" with the meaning of that Act.—(*Pilbrow* v. *The Vestry of the Parish of St. Leonard, Shoreditch*, 1895, 1 Q.B., 33 C.A., 1895, 1 Q.B., 433, 72 L.T. 135.)

(*See also* "*Public Health Act*," 2.)

6.—"Drain" or "Sewer."

B owned an arcade consisting of a central passage with shops and houses on both sides. There was no right of way along the passage, which was roofed and closed by gates at either end. The premises were drained by a construction, which ran down the centre and received the drainage of the houses.

Held, by C. A. Affirm. Div. Ct., that the construction was not a drain "used for the drainage of premises within the same curtilage," and was therefore a "sewer" and not a "drain," and was vested in and repairable by the Vestry.—(*St. Martin-in-the-Fields* (*Vestry*) v. *Bird*, 1895, 1 Q. B., 428.)

7.—"Drain" or "Sewer."

The complainant was the leaseholder of the houses in question, which were drained by a combined operation, several houses being served by the same pipe connection with the sewer in the roadway. It was contended on behalf of the complainant that this being a combined drain—to the construction of which the consent of the local authority had never been given—the Vestry were liable for its repair. On behalf of the Vestry, it was contended that the onus of showing that the drain was constructed illegally—that is to say, without the consent of the local authority—was upon the complainant; also that the Vestry could not be proceeded against under section 12 of the Public Health (London) Act, 1891, and that since the case of *Kershaw* v. *Taylor* owners of this class of property had been trying to take advantage of the decision by throwing the onus of putting their property into a proper state upon the Vestry.

Mr. Hopkins, in his judgment, stated that the first question which arose in the case was whether or not this was a sewer, or whether it was only a drain. Looking at the pipe itself, quite apart from any question arising under the statutes, he came to the conclusion that this was a sewer common to all the houses. It might be shown if certain things could be proved, that this pipe, instead of being a sewer, was a drain, in consequence of the arrangements made with the owner of the property at the time the pipe was laid. None of these things had been proved and the question was, whose business was it to prove it? He thought the onus was upon the Vestry who had all the papers relating to the matter under their control, and who ought to be able to show whether certain consents were given. There was another point in the case that had given him a great deal of trouble—the point that the Public Health (London) Act, 1891, provides no machinery by which the sanitary authority can be compelled to keep their sewers in order. He had searched the Act through without being able to discover any sort of machinery which compelled the Vestry to keep their sewers in order. The whole of the statute from beginning to end, looked upon the Vestry as the complainants. There was no process short of indictment by which the Vestry, upon whom so far as he understood the statute, the burden of keeping this pipe in repair fell, could be compelled to repair their sewers. He did not think he could make any order under this statute to compel the Vestry to repair this pipe and the summons would therefore be dismissed.—(*Richardson* v. *St. Mary Newington, Vestry in Journal of Royal Institute of British Architects*, 76).

8.—"Drain" or "Sewer."

Under the Metropolis Local Management Act, 1855, the liability to repair "sewers" falls on the local authority, and the liability to repair a "drain" on the owner of the property, and by the same Act the word "drain" is defined as "any drain of and used for the drainage of one building only," and the word "sewer" as including "sewers and drains of every description except drains to which the word 'drain' interpreted as aforesaid applies." In 1894 the plaintiff had purchased two freehold houses in Paddington, shortly afterwards he received from the defendants a notice to repair a defective drain, the plaintiff accordingly opened up his drain when he for the first time discovered that it had been connected with and received the drainage from other premises at the rear, belonging to a different owner. The plaintiff thereupon claimed repayment by the defendants of what he had expended upon the work on the ground that the drain was a "sewer" within the meaning of the Local Management Act, 1855. It appeared that the connection with the plaintiff's drain had been made some thirty years ago, without the authority of the Vestry, and that the plaintiff when he purchased had made no special inquiry as to the drainage.

Held, on the authority of Kershaw v. Taylor (1895), 2 Q. B., 208, that the plaintiff's drain was a "sewer," and that he was entitled to be repaid the money he had expended in repairing it.—(*Florence* v. *Paddington Vestry*, 95, W. N. 143.)

9.—Building Line—"Building, Structure, or Erection."

The question whether a wall is a "building, structure, or erection" depends on the height of the wall and the purpose for which it is built.

A forecourt of a house had been for many years bounded by a dwarf wall about 3 ft. high. The owner pulled this down and built a wall 11 ft. high which was to be used for exhibiting advertisements and also as a boundary to the forecourt. Held, that the original dwarf wall was not a "building, structure, or erection," and that so long as it existed the site on which it stood was to be regarded as vacant land but that the substituted wall was a "building, structure or erection."

The fact that the summons was taken out before the date of the architect's certificate as to what the line of building was did not affect the validity of the summons.—(*Lavy* v. *London County Council*, 1895, 1 Q. B., 915, 1895, W. N. 120 (9)*.)

10.—Building Line—Corner House.

When an application is made to a magistrate under the "Metropolis Management Act," 1862, Sec. 75, for an order to demolish a building on the ground that it is beyond the line decided by the superintending architect to be the line of building of the street in which the building is situate, the question whether the building is in that particular street of which the line has been so laid down is to be decided by the superintending architect's certificate, and not by the magistrate to whom the application is made.—(*Allen* v. *London County Council*, 1895, 2 Q. B., 587.)

11.—Nuisance—Flooding caused by Excavation for Building.

In an action to restrain a firm of builders from carrying on their building operations in such a manner as to cause loss and damage to the plaintiff, it appeared that the defendants, in the course of their building operations, had excavated the plot of land to a considerable, but not an unusual depth, in such a manner that the floor of the

* The court referred to Wendon v. The London County Council, 1894, 1 Q.B., 227, 812 (See Compendium for 1894, under "Legal Decisions,") stating there was nothing contrary to their decision in that case.

excavation sloped towards the wall of the plaintiff's house. Heavy falls of rain caused that part of the excavation which adjoined the plaintiff's premises to become flooded, and the water percolated through into the basement of the premises, and flooded it to a depth of two or three inches. The plaintiff alleged that the flooding of her premises was due to the negligence of the defendants in so excavating their plot of land as to make the floor of the excavation slope towards her house, and she sought an injunction to restrain them from carrying on their work in such a manner. The defendants denied negligence, and said that the slope of the excavation towards the plaintiff's property was the necessary consequence of the existence of a cartway which they had constructed, in order to enable carts to go down into and to come out of the excavations and they further said that their building could not be properly and effectively carried out without such cartway. No injunction was granted, the damage and inconvenience to the plaintiff having passed off when the wet weather ceased, and the action now came on for the purpose of having the cost disposed of, and the merits of the case were gone into for that purpose. Stirling J. was of opinion that the defendants had not erected and maintained artificial erections or artificial works within the meaning of Broder v. Saillard (2 Ch. Div. 692, 24 W.R. 1011) but thought that the operations were conducted with a view to the natural enjoyment of the land and nothing more, the land being building land in London, and the defendant's sole object being to build a house. This did not constitute an artificial state or use of the land within the meaning of Rylands v. Fletcher (19 L.T. Rep., 220, L. Rep., 3, H. L., 330). The cases of Wilson v. Waddell (35 L. T. Rep. 639, 2 App. Cas. 95) and West Cumberland Iron and Steel Company v. Kenyon (40 L.T. Rep., 703, 11 Ch. Div. 782) were also referred to on this point in the course of the judgments.—(*Prinsep* v. *The Belgravia Estate Limited*, L.T., April 20th.)

PUBLIC HEALTH

1.—Brick-burning—Notice to Abate.

The appellant was summarily convicted under sec. 21 of the Public Health (London) Act, 1891, on a complaint by the Sanitary authority that premises on which he carried on the business of a brickmaker in the process of brick-burning caused effluvia, and were a nuisance and dangerous to health.

Held, that it was not a condition precedent to such conviction that a notice under sec. 4 should have been served upon the appellant requiring him to abate the nuisance, such a notice is only required in the case of the particular nuisance enumerated in sec. 2.—(*Bird* v. *Vestry of St. Mary Abbots, Kensington*, 1895, 1 Q. B., 912, 72 L. T., 599.)

2.—"Drain" or "Sewer."

Sec. 134 of the Carlisle Corporation Act, 1887, provides that "In cases where two or more houses or premises are connected with a single private drain, which conveys their drainage into a public sewer, the corporation shall have all the powers conferred by sec. 41 of the Public Health Act, 1875." The Public Health Acts Amendment Act, 1890, gives similar powers. The respondent was the owner of a house which, together with adjoining houses (belonging to different owners), was drained by a common drain or sewer, which discharged into an admittedly public sewer.

Held, that such drain was a "sewer" and not "a single private drain," and was vested in the local authority.—*Hill* v. *Hair*, 1895, 1 Q. B., 906, 72, L. T., 629.)

3.—"Drain" or "Sewer."

Where a builder unlawfully, in 1887, built four houses drained into one construction, and subsequently sold them to different persons.

Held, that the purchasers were not stopped from setting up that the construction was a sewer, and not a drain, and that the duty of repairing lay on the sanitary authority.—(*Kershaw* v. *Taylor*, Divl. Court, 1895, 2 Q. B., 208, Affirm. C. A., 1895, 2 Q. B., 471.)

4.—"Drain" or "Sewer."

Two houses, owned by different persons, were connected with a sewer by a single private drain, the local authority, which had adopted sec. 19 of the Act of 1890, served on one owner a notice addressed to both, under the Public Health Act, 1875, requiring them to abate a nuisance by doing certain works. The owner served did the work, and sued for the cost as money paid at the request of the authority.

Held by the Divisional Court that the notice was not a request to do the work, and that the owners were compellable to do the work under sec. 19 of the Act of 1890, and sec. 41 of the Act of 1875.—(*Self* v. *Hove Commissioners*, 1895, 1 Q. B. 685.)

5.—"Drain" or "Sewer."

A drain passing through private ground, but receiving the drainage of more than one building, is a "sewer" within the meaning of the Public Health Act, 1875.—(*Travis* v. *Utley* 1894, 1 Q. B., 233; 63, L. J., M. C., 48, 70, L. T., 242, 42, W. R., 461, 58, J. P., 85.)

(See also "Metropolis Management Act.")

6.—Incombustible Materials—Galvanised Iron with Wooden Supports and Match Boarding.

One of the bye-laws made by the defendants as rural sanitary authority required all new buildings to be enclosed, with walls constructed of good bricks, stone, or other hard and incombustible materials properly bonded, &c. The plaintiff proposed to erect a sanatorium for his school, consisting of sheets of corrugated galvanised iron one-thirty-second of an inch in thickness with a layer of felt inside fixed to the outside of a framework of wooden match-boarding inside.

Held, that the galvanised iron alone was not a wall, and that the structure composed of wood and iron, which constituted the wall was not of hard and incombustible materials as required by the bye-law.—(*Badley* v. *Cuckfield Union Rural District Committee* 72, L. T., 775.)

7.—New Street—Laying out—Bye-laws.

Where the owner of a strip of land by the side of a lane which ran into a road began to build a house fronting to the road, the side of which abutted on the lane, and there was nothing to show any intention on his part of building other houses along the lane.

Held, that he was not laying out a new street along the lane within the meaning of bye-laws with respect to the construction of new streets made under sec. 157 of the Public Health Act, 1875.—(*St. George's Local Board* v. *Ballard*, C. A., 1895, 1 Q. B., 702).

8.—Plans, Rejection of, by Local Authority.

On an application to the Queen's Bench Division by a builder, for a *mandamus* to the Swinton and Pendlebury Local Board to approve of certain plans and sections for the building of certain houses on land of his which he had submitted to them, and which they had rejected without assigning any ground or reason, it appeared that he delivered to the Board plans and sections for forty-nine new houses or cottages which he intended to erect on land which he had lately purchased. He sent with them a notice that on the 27th November he intended to proceed with the buildings. On the 24th November he had a letter from the clerk of the Board in these terms:—"I am instructed to return to you the plans and sections for forty-nine cottages, and to inform you that they are not approved of by the Board." There was an affidavit of the applicant that the plans were in accordance with the Public Health Act, 1875, and the by-laws, and this was supported by the testimony of two skilled and experienced architects. There was also an affidavit by the applicant that on several occasions he had asked the surveyor and the chairman and another member of the Board to give the reason for the rejection of the plans, but had always been met by a refusal, and that on one occasion the surveyor told him that his instructions were not to disclose the reason why the plans had been rejected. On affidavits of these facts Mr. Poland, Q.C., moved for a *mandamus* to the Board to make an order, and stating their approval of the plans. He said there was already authority for such an application (*The Queen* v. *Newcastle-on-Tyne*, 53 *Justice of the Peace*, 788). The Local Board, in such a case, had not an arbitrary power of rejection of building plans without any real ground or reason, they could only reject plans on some specific and intelligible ground. And where, as in the present case, they refused to state the grounds and reasons on which they had proceeded, there was no remedy but such an application as the present.

The Court (Mr. Baron Pollock and Mr. Justice Grantham) granted a rule nisi for a *mandamus*.—(*Ex parte Goulding, in re Swinton and Pendlebury Local Board*, *Journal of the Royal Institute of British Architects*, 160.)

9.—Jurisdiction of Court to Determine as to Necessity of Works.

Where a municipal Corporation, acting under certain sections of their local Act which are in almost identical terms with secs 6, 7 and 8 of the Private Street Works Act, 1892, passed a resolution approving plans for new works proposed to be carried out.

Held, that a Court of summary jurisdiction, in determining objections to the proposed works, has jurisdiction to take into consideration the sufficiency of the existing state of affairs which it is proposed to alter.—(*The Corporation of Sheffield* v. *Alexander and others*, 72, L. T., 242.)

10.—Footway—Apportionment.

A local board acting as an urban sanitary authority resolved to execute works in a private street, having houses only to the north side. Part of the land on the south side was owned by the local board. The work partly consisted of flagging a footway on the north side, there was no footway on the south side.

Held by Divisional Court that the expenses of the footpath were properly apportionable among the owners of premises fronting, adjoining, or abutting on both sides of the street.—(*Clacton Local Board* v. *Young & Sons* 1895, 1 Q.B., 395.)

LONDON BUILDING ACT, 1894,

57 and 58 Vict., Chap. CCXIII., Sec. 184.

THE TRIBUNAL OF APPEAL.

REGULATIONS as to procedure to be followed in cases of Appeal, and the Fees to be paid.

Made by the Tribunal and approved by the Lord Chancellor in accordance with Section 184.

1. *Generally.*—All communications shall be written, type-written, or printed on foolscap paper
All drawings shall be on tracing linen and in duplicate.
Any further drawings or copies of drawings shall (if so required by the Tribunal) be supplied by the Appellant.

2. *Time and place for lodging Appeals*—Appeals shall be addressed to the Tribunal of Appeal and shall be lodged and the fee thereon shall be paid at the office of the Tribunal No 13A Great George Street, Westminster, S.W, by hand, within the period (if any) prescribed by the Act, and where no period is so prescribed, within fourteen days after notice of the decision, determination, certificate, requirement, or regulation appealed against has been given to or served on the Appellant.

3. *Documents to be lodged with Appeal.*—The Appeal, which shall specify the section and subsection under which it is made, shall be accompanied by copies of the original application and of the decision, determination, certificate, requirement or regulation appealed against with copies in duplicate on tracing linen of all plans or drawings relating thereto. These documents shall be supplemented by a short statement of the facts, setting out the grounds of the Appeal, together with a list of the names and addresses of all parties to whom notices under the original application and of this Appeal have been given.

4. *Notices to be given by the Appellant*—The Appellant shall also within the time limited for lodging the Appeal give notice of such Appeal to the London County Council, and in cases where the original applicant is not the Appellant, to such applicant and in case of an Appeal under any of the following sections also to the persons mentioned opposite such section

Notices to be given other than to the Council and original Applicant.

Section	With Reference to	Persons to whom Notice to be given
5 (8)	The Superintending Architect's determination as to the level of the ground.	The Superintending Architect. The District Surveyor.
13 (3)	The Council's determination that the prescribed distance shall be greater than 20 feet from the centre of the roadway.	The Local Authority
13 (4)	The Council's consent to the erection, &c., of any building, &c., at a distance less than the prescribed distance from the centre of the roadway	The Local Authority The Owners and Occupiers of the nearest building on each side of the proposed building.
19	The refusal or conditional grant of Council's sanction under Part II to Streets	The Local Authority
19	The refusal by a District Surveyor of his Certificate to plans of a building or structure to be altered or re-erected under Section 13.	The District Surveyor The Local Authority
25	The Certificate of Superintending Architect as to general line of buildings	The Superintending Architect. The Local Authority and all other persons entitled under Sec 24 to notice of the Superintending Architect's Certificate.
29	The Certificate of the Superintending Architect determining in what street or streets a building or structure is situate	The Superintending Architect The Local Authority and all other persons entitled to notice of the Superintending Architect's Certificate
43 (i) & (iii)	The refusal of a District Surveyor to certify plans.	The District Surveyor.
44	The Council's determination in cases where a person desires to re-arrange a cleared area.	The Local Authority.
46	The Superintending Architect's Certificate determining the front and rear of a building.	The Superintending Architect.
48 (2b) & (4)	The Council's refusal to allow a building to be erected to a greater than the prescribed height.	Such Owners or Lessees as the Council may under this section direct.
78	The District Surveyor's requirement respecting the construction of public buildings in case of disagreement.	The District Surveyor.
79	The District Surveyor's requirement respecting the conversion of any building into a public building in case of disagreement.	The District Surveyor
122	The Council's refusal to permit, or any of the Council's regulations as to, or the decision of their Engineer, or conditions imposed on the Council's grant of a licence for the erection of dwelling-houses on low-lying land.	The Council's Engineer. The Local Authority
132	The refusal of a District Surveyor to grant a Certificate as to sky signs.	The District Surveyor.

5. *All documents to remain deposited in the office of the Tribunal.*—All documents lodged with an Appeal shall remain deposited in the Office of the Tribunal as records of the case

6. *Hearing of Appeals.*—After the lodgment of an Appeal the earliest convenient appointment shall be arranged for the hearing of the Appeal and shall be communicated to the parties by letter. The fees in respect of the view [illegible] the hearing and Order shall be paid by the Appellant before the hearing.

Appeals shall be heard at such place as the Tribunal may from time to time determine

7. *Procedure at the hearing of Appeals.*—The hearing of Appeals shall be open to the public.

The full Tribunal of Three Members shall sit to hear Appeals.

The London County Council and the parties interested may appear before the Tribunal either in person or by Counsel, Solicitor or Agent and the procedure at the hearing shall, subject to such variations as the Tribunal may think fit, be similar *mutatis mutandis* to that adopted on the trial of actions before the High Court, thus :—

Preliminary objections, if any, to be heard and disposed of.
Appellant to state his case and call his witnesses.
Respondent to state his case and call his witnesses.
Any other parties interested to be heard
Appellant to reply.

8. *Decision of the Tribunal.*—The decision of the Tribunal shall be embodied in an Order in writing under the seal of the Tribunal.

9. *Order and documents to be filed.*—The original order and all documents relating thereto shall be filed and preserved in the office of the Tribunal

10. *Office Copies.*—Office Copies under the seal of the Tribunal of Orders and other documents shall be upon payment supplied to any party to an Appeal and shall be admissible in evidence for all purposes of the Act and Regulations to the same extent as the original would be admissible. All copies of Orders or other documents appearing to be sealed with the said seal shall be deemed to be Office copies without further proof.

11. *Documents open to inspection.*—The file of documents shall be open to inspection by any person at the Office of the Tribunal between the hours of 11 and 3.

12. *Fees.*—The fees to be paid to the Tribunal by the Appellants and other parties are as follows.—

	*Higher Scale. £ s. d.	†Lower Scale. £ s. d.
Lodging Appeal	[illegible] [illegible] 0	1 [illegible] 0
View	[illegible] 0	1 [illegible]
Hearing	5 0	[illegible]
Order	[illegible] 0	[illegible] 0 0
Stating Special Case	[illegible] 0 0	[illegible] 0
Inspection of an Order	[illegible] 0	0 [illegible] 0
" of File of Proceedings	0 [illegible]	[illegible]

Office Copies, 6d per folio. Plans, &c., according to work involved.
Copies other than Office Copies, 4d per folio. Plans, &c., according to work involved.

The preceding Regulations as to procedure and fees to be paid were made by the Tribunal of Appeal in accordance with the London Building Act, 1894, section 184 This twenty first day of February, 1895.

For and on behalf of the Tribunal,
ARTHUR CATES,
Chairman of the Tribunal.

Approved ;
HERSCHELL, C.
March 1st, 1895.

All communications to be on foolscap paper and to be addressed to the Clerk of the Tribunal, No. 13a, Great George Street, Westminster, S.W. All payments to be made in cash. Cheques will not be received.

FEES PAYABLE TO DISTRICT SURVEYORS. (*a*)

THE THIRD SCHEDULE.

PART I.

ON NEW BUILDINGS.

	£ s. d.
For any building not exceeding thirty square feet in area and not exceeding ten feet in height	0 10 0
For every building not exceeding four hundred square feet in area and not more than two storeys in height	1 10 0
For every additional storey	0 5 0
For every additional square or fraction of a square	0 2 6
For every building not exceeding four hundred square feet in area and of one storey only in height	0 15 0

ON ADDITIONS ALTERATIONS OR OTHER WORKS.

	£ s. d.
For every addition or alteration or other work to which the provisions of this Act apply made [illegible] or on any building after the roof thereof has been covered in — one half of the fee charged in the case of a new building calculated upon the area of the whole building	
For inspecting the arches or fire resisting floors over or under public ways	0 10 0
For inspecting the formation of openings in party walls (for each opening)	0 10 0
For inspecting the closing of openings in party walls (for each opening)	0 10 0

Provided that in the case of public buildings buildings constructed of concrete and buildings divided into separate sets of chambers or tenements by party structures the fees hereinbefore specified in this part of this Schedule shall in every case be increased by one-half (*b*)

ON CHIMNEYS AND FLUES.

	£ s. d.
On the construction of a furnace chimney-shaft or similar shaft for ventilation or other purposes in addition to the fee for any other operation in progress at the same time if not exceeding seventy five feet in height	2 0 0
If exceeding seventy-five and not exceeding one hundred feet in height	3 [illegible] 0
For every additional ten feet or portion of ten feet in height	0 10 0
On the carrying of a flue from an oven stove steam boiler furnace or close-fire into an old flue	0 10 0
On certifying that a chimney breast in a party wall may be cut away	0 10 0

ON CERTIFYING PLANS.

	£ s. d.
For examining and certifying plans of an old building	[illegible] 2 0

* The Higher Scale shall apply to cases relating to lines of frontage, laying out of streets, open spaces about buildings, height of buildings, conversion of buildings into public buildings, and low-lying lands.

† The Lower Scale shall apply to all other cases

(*a*) For the old Table see Schedule to the Building Act, 1855.

See the case of Moir *v.* Williams, COMPENDIUM, 1892, as to the fees or separated tenements under one roof.

On Wooden and Temporary Structures.

On inspection of any wooden structure or on inspection of any structure or erection put up on any public occasion the same amount as for a new building calculated on the area of the structure or erection without reference to the area of any building to which it may be attached or in or on which it may be put up

Attending at Court.

	£ s. d.
For attending at a court when an order is made for complying with notice of irregularity	0 10 0

PART II

On Dangerous Structures.

On each dangerous structure—

Where there are not more than four adjoining or nearly contiguous structures in the same ownership

	£ s. d.
1. For making a survey of the structure reported as dangerous and certifying opinion thereon—	
If the structure do not exceed four squares in area and two storeys in height	0 7 6
If exceeding four squares	0 10 0
For every additional storey above two	0 2 6
2. For each inspection of the structure and report as to completion or progress of the works	0 5 0
3. For inspecting the structure before the hearing of the summons and attending the court to give evidence—	
If one structure only	0 10 0
If more than one structure (for each structure) ..	0 5 0
4. For inspecting the structure before the hearing of the summons against the occupier (the owner having failed to comply) and attending the court to give evidence—	
If one structure only	0 10 0
If more than one structure (for each structure) ..	0 5 0
5. For every adjournment of the summons	0 5 0
6. For superintending the erection of shoring (including needling when requisite) and hoarding whether done by the Council or not and for certifying the account for the same when done by the Council	0 10 0
7. For shoring without hoarding or hoarding without shoring and certifying the account..	0 7 6
8. For supervision including the report of the officer in cases where it is necessary for the Council to execute works to ensure the safety of the public under an order made by a court	0 5 0

Where there are more than four adjoining or nearly contiguous structures in the same ownership

	£ s. d.
For Nos. 2 3 and 4 in the above table	0 4 0
For No. 5	0 2 6
And for No. 8	0 4 0

PART III

Fees Payable for Special Services.

The fees payable by a builder to the district surveyor for special services shall be the following.

	£ s. d.
For superintending the construction of floors and partition walls to stables under section 70 of this Act per building	0 5 0
For superintending the construction of overhanging oriel windows per building	0 5 0
For superintending the fixing of any oven copper steam-boiler or stove to be used for trade purposes and not heated by gas	0 10 0
For superintending the fixing of pipes for conveying heated air or hot water or steam at high pressure (for each floor of a building on which pipes are fixed)	0 10 0
For services relating to the erection of buildings on low lying lands per building	0 5 0

PART IV.

Fees Payable to Council.

On Dangerous Structures.

For general services—

	£ s. d.
1 For preparation of notices forms for same and postage	0 3 0
2. For service of notices (clerk's time)	0 2 6
3. For travelling per mile (one way)	0 0 3
4. For obtaining summonses and orders (clerk's time) ..	0 2 6
5. For cost of each summons or order	0 3 0

Where there are two or more adjoining or nearly contiguous structures in the same ownership—

	£ s. d.
For Nos. 2 and 4 (above) each	0 2 0
The Fees payable upon ten structures shall be the maximum fees.	

On Dilapidated and Neglected Buildings or Structures.

	£ s. d.
1. For each inspection of the building or structure and report	0 5 0
2. For obtaining summons and order (clerk's time) ..	0 2 6
3. For cost of each summons or order	0 2 0
4. For attendance at a court to give evidence	0 5 0
5. For every adjournment	0 2 6
6. For supervision of works including report of officer in cases where the magistrate's order is executed by the Council	0 5 0
7. For travelling per mile (one way)	0 0 3
8. The cost of procuring local evidence to satisfy the magistrate that the condition of the structure is prejudicial to the property or to the inhabitants of the neighbourhood is to be considered separately in each case.	

Where there are two or more adjoining or nearly contiguous structures in the same ownership—

	£ s. d.
For Nos. 1 4 or 6 (above) each	0 3 0
For Nos. 2 or 5 (above) each	0 2 0
The fees payable upon ten structures shall be the maximum fees.	
For travelling per mile (one way)	0 0 3

Regulations.

1 The fees specified in this Schedule in respect of works to a party wall comprise the fees payable in respect of both sides of the wall.

2. No fee shall be charged in respect of the fixing of a chimney pot

3. No fee shall be charged in respect of the repairing of a chimney top unless the top has been pulled down to a greater extent than twelve inches

4 No fee shall be charged in respect of the repairing of a parapet unless the parapet shall have been pulled down to a greater extent than twelve inches.

5 In calculating the area of every new building for the purposes of this Schedule the area of all outbuildings not exceeding thirty feet in area whether attached or not shall be included provided such outbuildings be erected at the same time as the main building

LONDON COUNTY COUNCIL.

Regulations as to Applications for sanction or consent under the London Building Act, 1894.

NOT . *hese Bye Laws supersede the "Regulations of the Architect's Department," page 539 of the* ARCHITECTS' COMPENDIUM, 1894. *For other Bye Laws still in force see page 535 of the 1894 Volume.*

I.—[illegible]

All applications are to be addressed to the Superintending Architect, County Hall, Spring-gardens, S.W.

All applications must be in writing on foolscap paper, and all drawings (including plans, sections, and elevations) must be on tracing linen of sufficient size to permit of the approval of the Council being endorsed thereon.

The scale to which drawings are made must be drawn thereon and [illegible]ssed in words; the north point must be indicated on all plans.

[illegible]e site must be coloured pink, the proposed building red, existing buildings grey, and any land to be dedicated and left open for the use of the public, blue.

The name of the person on whose behalf the application is made must be stated. Reference must be made to the section of the Act under which sanction is sought, and particulars must be furnished as to the nature of the application and the situation of the street, building or structure.

All drawings must be sent in duplicate.

II.—PARTICULARS AS TO DRAWINGS REQUIRED IN EACH CASE.

(1) *New Streets, &c.* Sec. 7 *and* sec. 10.

Plans must be to a scale of 88 feet to the inch, and must be accompanied by longitudinal sections to the same horizontal scale, but to a vertical scale of 11 feet to the inch, showing the natural and intended surface levels of the streets (computed from ordnance or some other fixed datum) and by cross sections to a scale of 22 feet to the inch.

A key plan of the locality showing the surrounding property must also be sent.

The names proposed to be given to the streets must be submitted; they must be such as are not already in use.

In the event of the application being sanctioned, two additional copies of the plans will be required.

In the case of the widening of streets under sec. 10 (4) sections will not be required.

(2) *Buildings within prescribed distance, lines of frontage, &c.* Sec. 13, sec. 17, *and* sec. 22.

Plans must be to a scale of 22 feet to the inch, and must show the situation of the building in relation to others adjacent. The height and precise distance from the centre of the roadway of the proposed building and the width of the street are to be figured.

The names and addresses of the owners and occupiers of the nearest building on each side of the proposed building must also be sent.

In the event of an application being approved, an additional copy of the drawings will be required.

In the case of applications under sec. 13 (5), the extent and height of the old buildings on the site must be shown to the same scale.

(3) *Space at rear of domestic buildings*, sec. 41, *and open space about working class dwellings not on the public way.* Sec. 42.

Plans and sections must be to the scale of one-eighth of an inch to the foot; they must indicate the height of the proposed buildings in every part; there must also be a block plan to the scale of 22 feet to 1 inch, showing the adjoining premises, with the approximate height of any buildings thereon.

(4) *Open space at rear of domestic buildings on old sites.* Sec. 43.

Plans and sections to the scale of one-eighth of an inch to a foot showing the height and extent of the previously existing buildings and certified by the District Surveyor, must be sent together with plans and sections of the proposed new buildings to the same scale. The position and approximate height of any adjacent buildings must be indicated on a block plan to the Scale of 22 feet to 1 inch.

(5) *Laying out new streets on a cleared area.* Sec. 44.

In addition to the plans required under Regulation II. (1) and (so far as any relaxation or modification of the rules of Part V. of the Act may be asked for) under II. (3), a plan will be required to the scale of 88 feet to 1 inch, showing the width of all old streets on the area and the extent and approximate height of all old buildings thereon as well as of the proposed new streets and buildings.

(6) *Height of buildings.* Sec. 47, *and* sec. 49.

A block plan to a scale of 22 feet to an inch, showing the position of the proposed building and of any adjacent buildings and the width of the street.

Also a plan and sections to the scale of one-eighth of an inch to the foot, showing the height of the several parts of the building.

(7) *Timber in external walls*, sec. 55; *and furnace chimney shafts* [illegible]

[illegible]s and elevations to the scale of one-eighth of an inch to a foot, together with such details to a larger scale as may be necessary to show the construction.

A block plan to the scale of 22 feet to the inch, showing the posi[illegible] of the building.

(8) *Projections.* Sec. 73.

In addition to the drawings, &c., required by Regulation II. (2), a plan, section, and side elevation to the scale of one-eighth of an inch to a foot. In the case of the application being approved an additional copy of the drawings will be required.

(9) *Additional cubical extent*, sec. 76; *and buildings for the supply of electricity*, sec. 203.

A block plan to the scale of 22 feet to the inch showing the position of the building and buildings adjacent.

Plans and sections to the scale of one-eighth of an inch to the foot showing the height of the building in its various parts.

The use to which the various parts of the building are intended to be put are to be indicated, and any points bearing upon the question of liability to fire.

(10) *Special and temporary buildings and wooden structures.* Part VII.

Applications must be accompanied by a block plan of the premises, showing the position of the building or structure, and also by a plan, elevation, and section to a scale of one-eighth of an inch to the foot, together with such details to a larger scale as may be necessary to show the construction.

A fee of 5s. must be paid to the cashier of the Council on depositing the application, and a further fee of 5s. on obtaining the notification of the order of the Council, and in no case will the work be allowed to proceed until the fees are paid.

Every application for an extension of the period for which the Council has allowed the use of a temporary building must be accompanied by a certificate from the District Surveyor as to its condition, and as to its stability for such further period as may be applied for, and also as to any repairs which may be requisite.

In cases where the structure has existed for less than three years, and if the inspection be merely to ascertain that the building has not been altered as to condition or position, and to certify that an extension of time may be allowed, a fee of 10s. may be demanded and received by the District Surveyor.

In cases where the structure has existed for three years or more, and a certificate with regard to structural stability is required, a fee of 20s. may be demanded and received by the District Surveyor.

(11) *Naming of streets and numbering of houses.* Part IV.

Persons laying out new streets or building rows of houses would facilitate their own operations with reference to leases and the numbering of houses required by the Council under the statute by observing the following rules—

St. Paul's Cathedral is recognised as a central point; and the numbering of houses begins at the end or entrance of the street nearest to that building, except where a street leads from a main thoroughfare to a less important street, and then the numbering must start from the main thoroughfare.

Taking, therefore, the sides of a street as left and right (assuming that the back is towards St. Paul's) the odd numbers will be assigned to the left-hand side, and the even numbers to the right hand side.

No name is to be used for a street unless with the approval of the Council, and it must be a name consisting, if possible, of one word, with the addition of "street," "road," or other like term, and not already in use within the county.

Only such streets as are leading thoroughfares of considerable length can be designated "roads."

No street under 50 feet in width can be called an "avenue."

The names "gardens" and "groves" can only be used when the terms seem appropriate.

Names in someway associated with the locality are preferred.

Names for terraces or places, or other blocks of houses, and sections of streets, usually known as subsidiary names, are not recognised.

Any person interested in property affected by any order of the Council for re-naming streets or re-numbering houses, is permitted, on application, to make a copy of the order and a tracing of the plan attached thereto; or a certified copy of the order and plan may be furnished to him on his paying the cost of making the same.

A fee of 1s. is to be charged to all persons seeking information involving a reference to the records with regard to orders for re-naming streets or re-numbering houses.

If a copy of an order and plan be required, there will be a further fee of not less than 1s. 6d.

A more extended plan may be obtained for a larger payment.

Copies of orders and plans are to be made in the superintending architect's department.

Standing Orders of the Council relative to the following matters under the London Building Act, 1894.

(. . . I

Where special conditions are imposed by the Council in granting applications, the acceptance of such conditions by the owners of property is to have a sixpenny stamp affixed.

Whenever an application is rejected a copy of the reasons for the rejection, as stated in the Committee's minutes, is to be sent to each of the parties concerned

The following conditions are to be imposed in the case of buildings sanctioned, viz.—"That the building shall be commenced within six months and be completed within eighteen months from the date of the license * * * * that the erection be made in entire conformity with the letter of application, and as shown on the plan accompanying it and be not at any time, in any manner, altered or raised without the consent of the Council, and that if the plan or application be hereafter found to be inaccurate in any particular, the consent of the Council shall be null and void"

Where any land is to be given up these words shall be inserted, viz.—"That within three months after the erection of the building the whole of the land coloured blue on the deposited plan be dedicated to and left open for the use of the public."

In the case of a one story shop these words shall be inserted, viz.:—"That no part of the proposed shop or any structure or erection connected therewith do exceed 16 feet in height above the footway"

PART II. FORMATION AND WIDENING OF STREETS.

A copy of each plan for the formation of a new street, or for the adaptation of a way for a street, or for the erection of a building or structure at less than the prescribed distance from the centre of the roadway, is to be sent to the local authority in whose district the proposed street, building or structure is situated, with a request that they will inform the Council within fourteen days whether they have any suggestions to make with reference to such plan, and with an intimation in cases of proposed erection at less than the prescribed distance from the centre of the road, that the communication is to be treated as the Council's communication within the meaning of Section 13 of its intention to give the consent applied for if upon consideration of the application it should think it ought to be granted

Whenever plans of new streets are approved a condition is to be attached that the name of each street, as approved by the Council, shall be affixed on posts at both ends of such streets, until the houses are built, when the name shall be affixed according to law.

Whenever plans of new streets to be laid out for foot traffic only are sanctioned, a condition is to be attached binding the applicant to pave the same over the entire surface, and by posts, bars or otherwise, to prevent the same from being used for carriage traffic

Whenever the Council has approved of a plan for the formation of a street to be laid out for carriage traffic, and open at both ends, the applicant is to be cautioned that if at any time, without the written consent of the Council, any posts or other obstructions are placed across the carriage way to prevent the access of carriages, he will be liable to prosecution under section 199.

PART III.—LINES OF BUILDING FRONTAGE.

On the receipt of an application to erect or extend buildings beyond the general line of frontage, such application, together with copies or tracings of so much of the drawings accompanying the application as may be sufficient for identifying the property proposed to be dealt with, and explaining the object of the application, is to be communicated to the Local Authority of the district in which the site is situated; and the Local Authority is to be apprised that the Counc will be prepared to receive any suggestions they may deem it desirable to make upon the subject within fourteen days · also a notice that such application has been made shall be sent to the owner and occupier of the nearest building on each side of the proposed building; and no such application shall be brought before the Committee until after the expiration of fourteen days from the date of such notice

PART IV—NAMING AND NUMBERING OF STRE .

Whenever application is made for the re-naming of a street, or the re-numbering of houses, the Local Authority in whose jurisdiction the same may be situated is to be asked to state its views on the subject.

The decision of the Committee shall be reported to the Local Authority, and notice-boards shall be attached to two or more lamp-posts in the street for the period of one month notifying the intention of the Council At the expiration of the time any protests that may have been received shall be reported to the Committee.

When an order has been made by the Council for naming a street or numbering houses, an officer responsible to the Superintending Architect is, at the expiration of three months from the transmission of the order to the Local Authority, to inspect the street in respect of which the order has been made, and to report to the Committee any non-compliance with the terms thereof.

Immediately after the making of an order for the re-naming of any street, an intimation thereof is to be sent to the Post Office authorities

PART VI—C . . . . .

Applications for projections under section 73 are to be treated in the same way as applications under Part III., except that in the case of projections at the rear the communication to the Local Authority is to be omitted

PART VII.—SPECIAL AND TEMPORARY BUILDINGS, &C.

On an application being made by the trustees or owners of any temporary building for an extension of the period already granted by the Council, the District Surveyor shall be requested to inspect the structure and certify as to its condition, and as to its stability for use for such further period as may be applied for, and also as to any repairs requisite for adding additional strength to the building.

A register is to be kept by the Superintending Architect, showing the periods for which temporary buildings are licensed by the Council, and whenever a building is not removed at the expiration of the term specified in the license, he is to report the fact to the solicitor, who is forthwith to write and caution the holder of the license, and report the result to the Committee.

HOARDINGS.

The following regulations are to be enforced by the Council as regards hoardings around or on vacant land

No existing hoardings to be increased in height so as to exceed twelve feet

No new hoardings to be erected exceeding twelve feet in height.

Existing hoardings exceeding fifteen feet in height to be reduced to that height within six months of notice given.

PART XI. DWELLING HOUSES ON LOW-LYING LAND.

Regulation made by the Council under section 122

It shall not be lawful to place the underside of the lowest floor of any permitted building at such a level as will render it liable to flooding, and every permitted building shall be efficiently and properly drained to the satisfaction of the Engineer for the time being of the Council, either into a local sewer or into a main sewer of the Council

Regulations made by the Council under section 123 with the concurrence of the Tribunal of Appeal.

Every person who shall be desirous of erecting or adapting any building to be used wholly or in part as a dwelling house on any land in the county of London, of which the surface is below the level of Trinity high water mark and which is so situate as not to admit of being drained by gravitation into an existing sewer of the Council, shall first make a written application for a license. Such application shall be addressed to the Clerk of the Council

Such application shall contain a statement as to the nature and extent of the interest of the applicant in the building or buildings proposed to the erected or adapted, and be accompanied by a plan and section of the lowest floor of such building or buildings and the curtilages thereof to a scale of ⅛th of an inch to a foot, and by a block plan to a scale of not less than 1 2500 (which may be on a sheet or sheets of the Ordnance Survey, or may be drawn on tracing linen), showing the position of such building or buildings and the local sewer into which it is proposed to drain such building or buildings, and the connection of such local sewer with an existing sewer of the Council.

Such plans and sections shall be accompanied by a description of the materials to be used in the construction of such building or buildings, and shall be coloured in accordance therewith. The points of the compass shall be marked on the block plan.

The position and course of the drainage system proposed to be adopted for the disposal of sewage and rain water, and its connection with the local sewer or an existing sewer of the Council, shall be clearly shown on the plans and sections, and the diameter and inclination of the drain pipes shall be figured thereon.

The plan and section shall also indicate in figures the level above or below ordnance datum at which it is proposed to construct the floor of the lowest rooms.

The decision given by the Chief Engineer of the Council upon such application shall be reported to the Building Act Committee and the Committee shall report it to the Council, and thereupon, if it is to the effect that the erection or adaptation may not be permitted, the Clerk of the Council shall by letter inform the applicant that the Council, acting upon the decision of the Engineer, has refused permission If it is to the effect that the erection or adaptation may be permitted, a license under the seal of the Council embodying the conditions of the Engineer's decision shall be issued to the applicant.

1st January, 1895

1. ARCHITECTS. 2. ECCLESIASTICAL SURVEYORS.
3. COUNTY SURVEYORS. 4. SURVEYORS TO PUBLIC AUTHORITIES. 5. BUILDERS.

I. Architects.

LONDON. + PROVINCIAL. + SCOTLAND. · WALES. + IRELAND.

LONDON.

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*B[illegible] & 88, St. [illegible]
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a*Barlow, W. Tillott, 23, Finsbury Circus, E.C.
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f [illegible]
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a Bartlett, A., 65, Chancery Lane, W.C.
Bassett, George, 44, Bedford Row, W.C.
+Bassett-Smith, Chas. A., 10, John St., Adelphi, W.C.
a Bassett-Smith, Wm., 10, John St., Adelphi, W.C.
Battam & Co., 17, Hart St., Bloomsbury, W.C.
[illegible] F.S.I., & [illegible] F.S.I.
[illegible]
[illegible]
Beazley (f) & Burrows (a), [illegible]

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[illegible], A. J., 9, Buckingham St., Strand, W.C.
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f Belcher, John, 20, Hanover Square, W.
Belcher, W. D., 5, Adelaide Place, London Bridge, E.C.
f Bell, Charles, 3, Salter's Hall Court, E.C.
f Bell, E. I., 19, Queen Anne's Gate, S.W.
Bell, James F., 25, John St., Bedford Row, W.C.
*Bennett, Robert, 72, Cheapside, E.
Beanison & Bargman, 16, Essex St., Strand, W.C.
Bentley, C. J., 15, New Broad St., E.C.
Bentley, John Francis, 13, John St., Adelphi, W.C.
*Besant, R. S., 26, Bedford Row, W.C.
*Be[illegible]
[illegible]
[illegible] Gate, S.W.
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[illegible], Battersea Rise, S.W.
*[illegible] & Rowley, Bank [illegible]
[illegible] F.S.I., [illegible] Lincoln's Inn Fields, W.
[illegible] John St., Adelphi, W.C.
[illegible]
[illegible] Alfred St. [illegible]
a*B[illegible]ckbourn, Henry, F.S.I., 6, Queen Anne's Gate, S.W.
a Blackwell, W., 30, G. James St., Bedford Row, W.C.
*[illegible] Thos., F.S.I., London County Council, [illegible] S.W.
[illegible]
[illegible], A.R.A., F.S.A., [illegible]
B[illegible]field, Arthur [illegible], 8, Montague St., W., and 6, Montague Pla[illegible] W.
B[illegible], 28, Montague Sq., W., & 6, Montague [illegible]
[illegible], 1, New Court, Temple, E.C.
[illegible] Hawthorns, Church End, Finchley, N.

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Boehmer & Gibbs (a), 11, Spring Gardens, S.W.
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* Bolton, A.T., 2, The Sanctuary, Westminster, S.W.
* Bolton, Young, 26, Brixton Rd., S.W.
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a*Bonner, Horace Thomas, 23, Budge Row, E.C.
* [illegible], Finsbury Pavement, E.C.
Borer & Dobb, 110, London Wall, E.C.
f [illegible] Gt. George St., S.W.
[illegible] St. James's [illegible]
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Boys, John Collins, 52, Queen Victoria St., E.C.
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a Bradfield, H., 13, The Grove, Clapham Common, S.W.
Bradford, William [illegible] S.W.
Bra[illegible] S.W.
+B[illegible] Henry [illegible] C.
f [illegible], W.
a*[illegible] House, 58, Th[illegible]
* B[illegible] E.C.
*B[illegible], W.C.
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f Briggs, R. Alex., 2, Devonshire Sq., Bishopsgate, E.C.
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f*Brooker, J. W., 13, Railway Approach, London Bridge, S.E.
a*Brooks, C. W., F.S.I., Moorgate Station Bldgs., 63, Finsbury Pavement, E.C.
f Brooks, James, 35, Wellington St., Strand, W.C.
Brophy, A. Fingar, 47, Rathbone Pl., W.
+Brown, E. C., 82, Bedford Row, W.
+*Brown, Ed., 9, Fleur-de-lis St., Norton Folgate, E.C., and 849, High Rd., Tottenham, N.
Brown, John Robert & Jas., 23, Harrington St., Hampstead Rd., N.W.
*Brown, Jos. Stuart, 148, Brecknock Rd., N.
Brown, Wm Edward (f) & Frank (a), 2, Whittington Avenue, E.C.
*[illegible] Mall, S.W.
*[illegible]
f [illegible] St., W.
[illegible] W.
a [illegible] W.C.
[illegible] St., South Kensington, S.W.
[illegible] S.W.
[illegible] & A[illegible] Street, Strand, W.
*Burden (f) & Milnes, 333, Oxford St., W.
*Burden, C. F., Guardians' Offices, Bancroft [illegible]
[illegible] W.
a B[illegible] Cheyne Walk, Chelsea, S.W.
f Burnell-Burnell, Alfred, Effingham House, Arundel St., Strand, W.C.
Burnett, D., 28, Cadogan Pl., Belgrave Sq., S.W.
[illegible]
f*B[illegible]
*B[illegible] Gardens, S.W.
+*B[illegible] Lane, W.C.
a B[illegible] W.
*B[illegible] & Crosier, (+) 22, Gt. James St., W.C.
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Butler, John Dixon, 11, Redcliffe Gardens, South Kensington, S.W.
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a*Callon, Chas. A., 2, Princes Mansions, Victoria St., S.W.
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Cash, John, 55, Buckingham Rd., Harlesden, N.W.
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f* [illegible]tes, Arthur, F.S.I., 7, Whitehall Yard, S.W.
[illegible]ave, Walter Fredk., 8, Old Burlington St., W.
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Chambers, Wm. Isaac, 15, Clifford's Inn, Fleet St., E.C.
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Chuter, George, 3, Howard St., Strand, W.C.
Clark & Hutchinson, 28, John St., Bedford Row, W.C.
f [illegible] I.E., 4, The Residences, South [illegible] Museum, S.W.
C[illegible] Edward Francis C., 13, Victoria St., S.W.
* [illegible]arke, Maximilian, 4, Queen Sq., W.C.
C[illegible] A. & Micklethwaite, J. T., F.S.A., 15, Dean's Yard, Westminster, S.W.
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Cooper, C. J. H., 58, Theobald's Rd., W.C.
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f Currey, Percival, F.S.I., 37, Norfolk St., Strand, W.C.
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+Da[illegible] S.W.
+Da[illegible] Waterloo Pl., S.W. [illegible] S.E.
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Davis, [illegible] Victoria St., [illegible]
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*Davis, W. E., Falcon Ct., 32, Fleet St., E.C.
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Dawson, Cecil, 46, Finsbury Pavement, E.
f*Dawson, H., 46, Finsbury Pavement, E.C.
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*Dearle, W. H., F.S.I., 6, John Street, Adelphi, W.C.
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Dickinson, Richd., 5, John St., Adelphi, W.C.
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Dunch, C., 27, Clement's Lane, E.C., and White Horse St., Stepney, E.
+*Dunford, J. Williams, [illegible] Victoria St., E.
*D[illegible], & [illegible] Buildings, E.C.
f [illegible] John St. [illegible] S.W.
[illegible] King W[illegible] W.C.
[illegible] E.C.
a*[illegible] Thomas [illegible] N.W.
*[illegible] E.C.
[illegible] E.C.
[illegible] St., E.C.
[illegible], Welbeck St., W.
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*Edis & Dale, 16, Gt. Marlborough St., W.
f Edis, Rt. Wm., F.S.A., 14, Fitzroy Sq., W.

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f• Edwards, George, 52, Cannon St., E.C.
f Edwards, R. C., 65, Buckland Cres., Belsize Park, N W
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a [illegible], Edward Brookes, 18, [illegible]
*E[illegible]
*El[illegible]
*[illegible]
E[illegible], N W
[illegible] Benjamin, 115, Long Acre, W C
+*Elwell, G. W., 11, Great James St., Bedford Row, W.C
+Emden, Walter, 105 and 106, Strand, W.C
f Emerson, Wm., 8, The Sanctuary, Westminster, S.W
*Emes, James, 151, Ebury St., S.W., and 66, Forthbridge Rd., Clapham Common, S W
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English, Chas. Wm., 60, Chancery Lane, W C
a Evans, C. E., 51, Rosslyn Hill, Hampstead, N W
f• Evans-Vaughan, Chas., 25, Lowther Arcade, W C
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*Eynon-Ward & Errington, 25, Bedford Row, W C.
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Farrow, F. R. (*f*), & Nisbitt (a), 7, New Ct., Carey St., W.C
Farthing, Walter Thomas, 46, Strand, W C
+Fasnacht, J., 17A, Gt. George St., S.W
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a Fay, P. J. J., 201, Great Portland St., W
+*f*• Fenning, A. R. G., 46, Lincoln's Inn Fields, W.C.
Ferguson, Chas. F., F.S.A., 17, Cowley St., S.W
a Ferguson, John M., 88, Chancery Lane, W.C
f Ferry, Benj. E., F.S.A., 15, Spring Gdns., S.W.
Field, Horace, 246, Regent St., W.
*Fielding, W., 58, Iverson Rd., W. Hampstead, N W
Fife, Thomas James, 2, Whittington Avenue, E.C
a Figgis, T. Phillips, 5, Adelaide Place, London Bridge, E.C
*Finch, W. A., 76, Finsbury Pavement, E.C
*Finlay, George S., 54, Coldharbour Lane, S.
Fish, John, 73, Gloucester St., Pimlico, S.W
Fisher, Frank James, 30, Coleman St., E.C
a Flack, Charles Horatio, 9, Bedford Row, W
*Fletcher & Migotti (a), F.S.I., 6, Fenchurch [illegible]ings, E.C
f+*Fletcher, Banister F. A., 20, New Bridge St., E.C., district office, 7, Kennington Park Rd., S.E.
a*F[illegible]er, Banister Flight, 29, New Bridge St., E.C
*F[illegible]cher, Westley Henry, 18, Berners St., W.
a Flint, Ernest, 80, Coleman St., E.C
Flockhart, William, 180, New Bond St., W
f Florence, H. L., 3, Verulam Buildings, Gray's Inn, W
a F[illegible] M.A., F.S.A., 22, Surrey St., [illegible]
Flow[illegible]
*F[illegible]
f Ford, Herbert, 21, Aldermanbury, E.C.
*Ford, Lawton Rt., F.S.I., St. Thomas's Chmbrs., 24, Railway Approach, London Bridge, S E
a Ford, S., 3, Queen St., Cheapside, E.C
Forster, Richard, 181, Queen Victoria St., E
a Forsyth, Wm. A., 16, Gt. Marlborough St., W
Foster, F. W., Warwick Lodge, Kingston Hill, S.W
*Foulsham, Chester, 105, High St., Bromley E
*Fowler, F. H. (a), & Hall, J. W., St. Mary's House, 60, Wych St., Strand, W.C
*Fowler, S. (a), F.S.I., & Hugman, F., F.S.I., 9, Craig's Ct., Charing Cross, S.W. (Surveyors to the L.C.C.)
f• Fowler, Charles, 23, Queen Anne St., Cavendish Sq., W
a* Fox, F[illegible]k, 49, Gresham St., E.C
a* Fra[illegible] A., F.S.I., 62 and 63, Basinghall St., E.C
Francis, F. J. (*f*) & H., & Sons, 177 and 178, Palmerston Bldgs, 34, Old Broad St., E.C.
Francis, Leon A., F.S.I., 6, John St., Adelphi, W.C
*Frazer, Lewis, 15, Clifford's Inn, Fleet St., E.C.
*Freud, A. Henry, 10, Gray's Inn Sq., W.C.
Freud & Keogh, Bloomsbury Mansion, Hart St., W.C
f• Frere, Augustus, 34, Essex St., Strand, W C
a Frere, [illegible] Lincoln's Inn Fields, W C

a Frisch, George J., 17, St. Swithin's Lane, E.C
*Fryer, Frederic W., Queen Anne's Mansions, Westminster, S.W
a Furner, H. G., 31, Windsor Rd., Ealing, W &
a Gabriel, Edward, 42, Old Broad St., E.C
f Gale, A. J., F.S.I., 4, Serjeant's Inn, Fleet St., E
Gale, Ernest Sewell, Falcon Ct., 32, Fleet St., E.C
f Gale, Joseph, 225, Long Lane, Bermondsey, S E
a Gamble, H. G., 15, Lenham Rd., Lee, S E.
*Gargery, W. T., 29, Barry Rd., E. Dulwich, S.E
a*Garrutt, T., 112, Percy Rd., Shepherd's Bush, W.
Garrood, T. M., F.S.I., 172, Fenchurch St., E.C
*Gascoyne, W., 1, Gloucester Terrace, S. Kensington, S W
* [illegible] (George Ernest) & Peto, H. A., 18, Maddox St., W.
a Gibbon, William J., F.S.I., 36, Gt. James St., W C and 39, Oxford Terrace, W
a Gilbert, H., 60, Chelsham Rd., Clapham, S.W.
a Giles, Gough & Trollope, 28, Craven St., Strand, W C
Giraud, Byng, 87, Cheniston Rd., Fulham, S W
Girdwood, James, 18, Adam St., Adelphi, W.C
Glenn, John, 11, Queen Victoria St., E.C
Goddard, R. W. K., 139, Denmark Hill, S E
Goldie, Child & Goldie, 10, Kensington Sq., W
Goldsmith, Francis T. W., 1, Verulam Bldgs., Gray's Inn Rd., W.C.
*Goldsmith, Wm., F.S.I., 40, Old Broad St., E.C.
[illegible] H., [illegible] Buckingham St., Strand, W.C
Goodman, Thos. W., 9, Buckingham St., Strand, W
Goodwin, Henry, 403, Old Kent Rd., S E
Goodwyn, Leo W., F.S.I., Granville Chambers, Portman Sq., W
Gordon (*f*), Lowther (a) & Gunto[illegible] House, Bloomfield St., E.C
*[illegible] W[illegible], Princes Mansions, Victoria Street, S
Goslin & Burrows, 10, Gray's Inn Sq., W C
a Goss, S. G., 16, John St., Bedford Row, W.C
+ Gough, Hugh Rouseau, Howard House, Arundel St., Strand, W.C
f Gover, Arthur S., F.S.I., 4, Queen St. Place, E C
a Grace, Wm., 16, Bernard St., Russell Sq., W.C
f Graham, Alex, F.S.A., Carlton Chmbrs., 4, Regent St., S.W
*Graham, W., 12, Buckingham St., Strand, W C
a Grant, Spencer W., Moorgate Station Bldgs., 63, Finsbury Pavement, E C
f• Graves, Walter, F.S.I., Winchester House, 50, Old Broad St., E.C
*Greatback, George Herbert, 51, Moorgate St., E.C
f Green, Arthur, 11, Suffolk St., Pall Mall, S.W
*Green, George, junr., A.S.I., 1, Grafton Rd., East Acton, W.
a Green, Percy, 113, Finsbury Pavement, E.C
a Green, Theodore K., 70, Finsbury Pavement, E C.
f Green, William J., St. John's Villa, Ealing, W
• Gre[illegible], Ebenezer, 1A, St. Helen's Pl., E C
Gre[illegible], Hubert Alfre[illegible]
f• Gr[illegible] W
*Grierson, F. G., 3, Broad St. Bldgs., [illegible]
*Griff[illegible] Holborn, E.C
*Griffiths, R. W., 22, Henrietta St., Covent Garden, W.C.
a*Griggs, Robert, F.S.I., 11, Grays Inn Sq., W.C.
Grimes, S. L., Aubrey Lodge, Buckley Rd., [illegible]
Gritten, Henry Frederick, 9, Princes St., S.W.
a Groom, John, 1, Broad St. Bldgs., E.C
a Groom, R., Bridge Chmbrs., 181, Queen Victoria St.
f• Grose, V. J., Terminus Chmbrs., 13, Railway Approach, London Br[illegible] for East St. Pancras
*Grover, G. F., 13, Bedford Row, W C
a Gruggen, R. M., M.S.I., 37, Spring Gardens, S W
f Gruning, E. A., F.S.I., 25, Gresham House, E C
f Gundry, H., 20, Warwick Crescent, W. District Surveyor for Paddington
a Guy, Albert L., 78, High St., Lewisham, S.E
f Gwyther, W. W., F.S.I., 103, Temple Chmbrs., Temple Avenue, E.C
* Habershon & Fawckner, [illegible], Bloomsbury Sq., W C
a Habershon, A. Eustace, Lonsdale Chmbrs., 27, Chancery Lane, W C
Hackford, G., 6, Queen Anne's Ga[illegible] S W
*Hale, R. H., F.S.I., 33, Old Qu[illegible] S W
a*Hall, C. R. G., 6, Charles St., Kensington Ct., W
f• Hall, E. T., 57, Moorgate St., E C.
a Hall, G. A., 7, Victoria St., Westminster, S W
f• Hall, Henry, 19, Doughty St., W C.
f Hall, Henry, 17, Southampton St., Bloomsbury, W C
H[illegible], 14, Gray's Inn Sq., W.C
* H[illegible], Princes Mansions, Victoria St., S W

*Hamilton, John, F.S.I., Wormwood Chambers, 23 & 24, Wormwood St., E.C
*Hammack & Lambert, (a) 59, Bishopsgate Street, Within, E C
f Hammond, F., 54, London Wall, E C
Hammond, F., 2, Mercer's Rd., Holloway, N.
f Hansard, O., 8, Argyll Place, Regent St., W.
f• Hansom, J. S., 27, Alfred Place West, S. Kensington, S.W
Hansom, H. J., 585, Battersea Park Road, S W.
*Hanson, R. D., The Red Tower, 54, High Road, Kilburn, N.W
f Hanson, J. T., 54, Gloucester Crescent, Regent's Park, N W
*Hardcastle, W. J., 19, Surrey St., Strand, W.C.
a Hare, H. T., 1, York Bldgs., Adelphi, W.C.
*Harley, J. E., 12, Paternoster Row, E.C.
a Harnor, E., 8, John Street, Adelphi, W C.
*Harris & Harris, 22, Surrey Street, Strand, W.C.
f Harris, E. Swinfen, 12, Buckingham St., Strand, W.C
a*Harris, Geo. St. Pierre, 8, Ironmonger Lane, E.C.
Harris, Joseph, 60, Coborn Road, E
*Harris, Lawes, C. E., F.I.S.E., Oxford Mansion, W.
a Harris, Robert O., 9, Queen Victoria St., E.C.
f Harris, T., 6, Southampton St., Bloomsbury Sq., W C.
Harrison, E. J., 19, Compton Terrace, Highbury, N
f Harrison, R. C., F.S.I., 103, Cannon Street, E.C
f Harrison, W. H[illegible] S W
a Harrison, Wm., 64, Cannon Street, E
a Harriss, W. F., 9, John Street, Adelphi, W C
Harston, A. & C., (*f*), 15, Leadenhall St., E C
a*Harvey, Frank M., 66, Cheriton Square, Upper Tooting, S W
a• Harvey, G., 18, Ingersoll Rd., Shepherd's Bush, W.
f Harvey, William, 47, Victoria Street, S.W.
Haslehurst, E., 7A, Laurence Pountney Hill, E.C.
Hatcher, G. W[illegible]
*[illegible]
*[illegible] W C
*Hayes, John H., 107, Edith Rd., West Kensington, W
*Haylock, D[illegible] S W
Hayton, J. D[illegible] S W
H[illegible] F.S.A., 47, Museum St., Bloomsbury, W C
f Hebb, John, London County Council, Spring Gdns., S W
Heelis, W. (F.S.I.), & Wrightson, F., F.S.I., 26, Budge Row, E.C., and 35, Bonsam Rd., Brixton Hill, S W
a Hensear, F., 10, Serjeant's Inn, Fleet St., E.C
[illegible] H., A.S.I., 14, St. Edmund's Terrace, Primrose Hill, N W
a Henman, Charles, 64, Cannon Street, E.C
a*Heron, A. H., 27, Fitzroy St., Fitzroy Sq., W
f Hesketh, R. L., 110, Cheapside, E C
a Hewitt, E. R., 182, Blackfriars Rd., S E
a Hewitt, J., 5 & 6, Bucklersbury, E
a*Hewitt, W. E., 7, Great College St., S W
a*Heyes, Austin, 8, John St., Adelphi, W
Hide, E., 17, Gracechurch St., E.C
+*Higgins, C. J., 9, Buckingham St., Strand, W C
Higgs (+) & Rudkin (+), 19, John St., Bedford Row, W.C.
f• Highton, G., 12, Dartmouth Street, Westminster, S W
a Hill, Alfred, 73, Queen Victoria Street, E C
f Hill, Richard Harris, M.I.C.E., 3, Lombard Court, E
a Hills, Gordon M., 4, Adam St., Adelphi, W.C.
a Hills, G. P. G., 4, Adam St., Adelphi, W
*Hills, Walter A. (*f*), & Son, 149, New Rd[illegible]
f Hine, G. T., F.S.I., 36, Parliament St., S W
Hingston, F. W., Portland House, 78, Basinghall Street, E.C
Hobden, R. W., 2, Circus Place, Finsbury Circus, E.C
*Hobden & Bradbear, Canonbury Station, N., & 69, Southwold St., Clapton, N E
*Hobson, William Robert, 7, Duke St., Adelphi, W C
a Hodges, Robert Francis, 8, Greenhill Rd., Harlesden, N W.
Hodgkinson, E. C. P., 22, Wellington St., Strand, W C
*Hodson (F.S.I.), & Whitehead, 7, Finsbury Sq., E.C.
*Hodson, George, M.I.C.E., F.G.S., F.S.I., & F. W., Abbey Buildings, Princes St., Westminster, S W.
Hoffman, Paul, 152 & 153, Palmerston Bldgs., Old Broad St., E
* Holdgate & Ward, 12, North St., W[illegible] S.W
* [illegible]worth, F. H., F.S.I., 91, Billiter Buildings, E C
+*Holland, T. J., F.S.I., Pembroke Cottages North, Edwardes Sq., Kensington, W
• Hollands, W. T., 98, Temple Chmbrs., Temple Avenue, E

*Holliday, Stephen J., 20, Victoria St., S.W.
*Hollingsworth, H. J., 20, Old Cavendish St., W., and 67, Claremont Rd., Forest Gate, E.
*Holman, George Edward, F.S.I., 109, Bow Rd., E.
*Homer & Ridler, 35, Bucklersbury, E.C.
[illegible] Strand, W.C.
f [illegible]
*[illegible] St., W.
[illegible] S.W.
[illegible] New Bond St., W.
Horne, H. P., King's Bench Walk, Temple, E.C.
Horsley, G. C., 14, Hart St., Bloomsbury Sq., W.C.
*Houstan, J. L. (a), & Alfred C. (a), 13, Furnival's Inn, E.C.
Hovendon & Barber, 30, Bishopsgate St. Without, E.C.
Howard, J. M., 66, Ringford Rd., Wandsworth, S.W.
Howell & Brooks, 4, Queen Victoria St., E.C.
f Howell, Charles H., 3, Lancaster Pl., Strand, W.C.
a Howell, Francis G., 3, Lancaster Pl., Strand, W.C.
*Howell, Geo. T., 31, Cock Lane, E.C.
a Howgate, W. Church, Perchard House, 70, Gower St., W.C.
Hoyland, Edward Douglas, 2, Walbrook, E.C.
a*Hubbard, George, 23, Finsbury Circus, E.C.
*Hudson (F.S.I.) & Booth (a), 17, Godliman St., E.C.
a H[illegible] F.S.I., [illegible] Rd., South Hampstead, N.W.
a Hudson, John, 80, Leman St., E.
a Hudson, John, "Westbury," Cricklewood Lane, N.W.
Hudson, Wm., 19, Bennett's Hill, E.C.
a Hughes, Augustus E., 28, Mortimer St., W.
*Hukins, Jesse Christian, 76A, Westbourne Grove, W.
*Humphreys-Davies & Co., 8, Laurence Pountney Hill, E.C.
Hunt & Stewart, 45, Parliament St., S.W.
f Hunt, F. W. H., F.S.I., 30, York Pl., Portman Sq., W.
f Hunt, George Henry, 26, Bedford Row, W.C.
a*Hunt, Leonard [illegible] St., E.C.
*Hunt, Wm., 5, York Buildings, Duke St., Adelphi, W.C.
a Hunter, Percy, Provost Lodge, Provost Rd., Haverstock Hill, N.W.
Hunter, Percy, 8, Knight's Hill Rd., West Norwood, S.E.
a Huntly-Gordon, Herbert, 123, Cannon St., E.C.
*Hussey & Walcott, F.S.I., [illegible], W.C.
Hutchings, Alfred B., [illegible]
a Hutchinson, C. B., 102, Holland Rd., Kensington, W.
*Hyde, Fdk. W., 30, Narcissus Rd., West Hampstead, N.W.
[illegible] West Brompton, S.W.
[illegible] M.A. [illegible]
[illegible] Strand, W.
[illegible]
*[illegible] S.W.
[illegible]
[illegible] W.
a [illegible] Rd. [illegible] W.
f Isaacs, L. H., A.R.C.E., 3, Verulam Bldgs., Gray's Inn, and Holborn Town Hall, Gray's Inn Rd., W.C.
Izard, John Grafton, 6, Bloomsbury Sq., W.C.
+*Jack, R. A., 37, Gt. James St., Bedford Row, W.C.
a Jackson, A. B., 7, Bedford Row, W.C.
+*Jackson, Charles Edward, 11, Austin Friars, E.C., and 185, Grove Rd., E.
*Jackson, Fredk. W., F.S.I., C.E., 141, Fenchurch St., E.C.
Jackson, George, 31, Charing Cross, S.W.
Jackson, Thos. G., A.R.A., M.A., F.S.A., 14, Buckingham St., Strand, W.C.
Jacob, Louis (a), & Brand, J. A. (+), 84 and 86, Gresham St., E.C., and 29, Pepys Rd., New Cross [illegible]
a Ja[illegible] St., E.C.
a*Ja[illegible] Grove, S.E.
f+Jan[illegible] Chambers, 27, Chancery Lane, W.C.
Jarvis, Henry, & Son (f), 29, Trinity Sq., Borough, S.E.
Jenkins, Sons, & Ellis, 171, Lewisham High Rd., S.E.
*Jennings, Arthur Seymour, 293, Friern Rd., Lordship Lane, Dulwich, S.E.
Jennings, E. W. (a), & Bucknall, 72, Finsbury Pavement, E.C.
a Johnson, B. V. (M.A., Cantab.), 50, Queen Anne's Gate, S.W.
a Johnson, John, 9, Queen Victoria St., E.C.
*Johnson, John, Chandos Chmbrs., 22, Buckingham St., Strand, W.C.
a Johnson, W. E., 22, Buckingham St., Strand, W.C.
*Johnston, Philip Mainwaring, 5, Adelaide Place, London Bridge, E.C.
Jollye, E. A., 23, Trevor Sq., Rutland Gate, S.W.
*Jones, Frederick H., F.S.I., 25, Parliament St., S.W., and 35, The Broadway, Ealing, W.

*J[illegible] St. Mary Axe, E.C.
J[illegible] S.W.
a J[illegible] W.C.
J[illegible], Moorgate Station [illegible] Finsbury Pavement, E.C.
f Joseph, Delissa, F.S.I., 17 and 18, Basinghall St., E.C.
a Jowers, Alfred [illegible], Gray's Inn Chambers, 20, High Holborn, W.C.
f Judge, G., 5, Frederick Pl., Gray's Inn Rd., W.C.
*[illegible]
Kers[illegible] St., Westminster, S.W.
Keeling, Gilbert, P.A.S.I., 2, Tokenhouse Bldgs., King's Arms Yard, E.C.
Keen, Arthur, 4, Raymond Bldgs., Gray's Inn, W.C.
f*Kerle, Robert, F.S.I., Suffolk House, Laurence [illegible]
a Keith, J. Melville, 43, Hillfield Rd., West Hampstead, N.W.
Kelly, John, 54, Queen's Rd., Regent's Park, N.W.
Kemp, C. E., 2, Millbrook Place, Hampstead Rd., N.W.
Kemp, Fredk. Nesbitt, 22, Chancery Lane, W.C.
f Kempson, Frederick R., 7A, Whitehall Yard, S.W.
+Kempster, Leonard James, "Chesterfield," North Side, Clapham Common, S.W.
a Kennard, J. M., 13, Railway Approach, London Bridge, S.E., and 20, The Grove, Clapham Road, S.W.
Kennedy, James, 31, Great James St., W.C.
Kennedy, James W. J., 11, Argyll St., W.
a Kenyon, Geo., 35, New Bond St., W.
Kerr, Robert, 22, Old Burlington St., W.
*Kerr, Harry, 139, Oxford St., W.
f Kersey, Alexander Henry, F.S.I., Moorgate Station Buildings, 21, Finsbury Pavement, E.C., and Woolmore Estate Office, Brockley, S.E.
Keynes, John Angell James, 10, Gledhow Terrace, [illegible]
*K[illegible] W.H.A. [illegible], 23, Old [illegible]
*K[illegible] Basinghall St., E.C.
*K[illegible] Finsbury Circus, E.C.
+*K[illegible], Laurence [illegible]
a K[illegible] S.W.
K[illegible] E.C.
*K[illegible]
K[illegible] Fenchurch Avenue, E.C.
f King, Zephaniah, 171, Victoria St., S.W., and 4, Selwood Terrace, Brompton, S.W.
King-Church, James N., 2, Southampton Street, Bloomsbury, W.C.
Kings[illegible], Albert E[illegible], 12 [illegible]
a K[illegible] Ter., Highgate Rd., N.W.
K[illegible] St., Bedford Row, W.C.
a K[illegible] Westminster, S.W.
*K[illegible], 75, Aldermanbury, E.C.
K[illegible] Rd., Clapham, S.W.
*Knight, J. Mackenzie, Vestry Hall, Bancroft Road, E.
f Knight, S., Temple Chmbrs., Temple Avenue, E.C., & Netherelms, Woodside Avenue, Finchley, N.
f Knightley, Thomas Edward, 106, Cannon St., E.C., and 2, The Grove, Hammersmith, W.
f Knowles, J., Queen Anne's Lodge, St. James' Park, S.W.
Koch, Alex, 58, Theobalds Road, W.C.
Koppers, Christian, 27, Great James St., W.C.
La[illegible] Strand, W.C.
L[illegible]
a L[illegible] W.C.
*L[illegible]
*L[illegible]
L[illegible]
Langshaw, George, 16, Red Lion Square, W.C.
Langston, J. A., 18, Took's Ct., Cursitor St., E.C.
a*Langston, [illegible], Great James St., Bedford Row, W.C.
Lansdown, Geo., & Son, (a), 5 and 7, Warwick St., Charing Cross, S.W., & 67, New Kent Rd., S.E.
*Large, William Alfred, 83, Chester Square, S.W.
*Laslett, Thomas Newnham, 37, Walbrook, E.C.
a Laurance, G. E. T., Bridge House, 181, Queen Victoria Street, E.C.
*Law, C. Orlando, Dacre House, 5, Arundel St., W.C.
Lawrence & Co., Ltd. (Brewer's), 22, St. Mary Axe, E.C.; Works, 132, Latimer Rd., W.
*Lawrence, Wm. R., 57 & 58, Chancery Lane, W.C.
Laws, James Thompson, 51, Oseney Crescent, N.W.
*Lawton, W. J. S., 24, St. Andrew's Rd., Stoke, Newington, N.
*Leas, George Ashby, 31, Finsbury Circus, E.C.

a*Leach, C. Pemberton, 21, Pelham Crescent, South Kensington, S.W.
a*Ledger, Frederick William, 8, Philpot Lane, E.C.
*Lee, John S. & Sons, 35, Craven St., W.C.
Lee, Frederick, 6, Great College St., Westminster, S.W.
f Lee, J. T., 26, Great James St., Bedford Row, W.C.
Lee, Philip Barratt, 89, Warwick St., Belgravia, S.W.
L[illegible] W. (f), (F.S.I.), & Pain, L. A., & W. [illegible] (f), [illegible] 58, Lincoln's Inn Fields, W.C.
Leeming & Leeming, Victoria House, 117, Victoria St., Westminster, S.W.
L[illegible] St., Westminster, S.W.
a*Lees, W[illegible], 35, Mecklenburg Sq., W.C., [illegible] High Rd., S.E. District Surveyor for South East Deptford
a Legg, Charles A., 13, Grafton St., Mile End Rd., E.
f Legg, George, 61, King William St., E.C.
f Legg, Hy. S. & Son, Architects' Office, Christ's Hospital, Newgate St., E.C., and 13, Grafton St., Mile End Rd., E.
*L[illegible] Westminster Chmbrs., [illegible] S.W.
*Le Rossignol, F., F.S.I., M.S.I., 1, Gresham Bldgs., Basinghall St., E.C.
L[illegible] J. M., 1, St. Alban's Rd., Harlesden, N.W.
Lethaby, W. R., 2, Gray's Inn Sq., W.C.
a Lethbridge, George, 7, Draper's Gardens, Throgmorton Avenue, E.C.
Lett, C., 56, Maddox St., New Bond St., W.
Letts, T. H., F.S.I., 185, Earl's Court Rd., S.W.
Leverton, W. J. H., 10, Lancaster Pl., Strand, W.C.
Lewcock, E. W., 35, Methley St., Kennington, S.E.
+Lewcock, Robert A., 88, Bishopsgate St. Within, E.C., and 91, Foulden Rd., Stoke Newington, N.
L[illegible], W. G. B., 28, Chatham Pl., Hackney, N.E.
L[illegible], John, 87, Chelsea Gardens, Chelsea Bridge Rd., S.W.
L[illegible] T., 19, St. Anne's Rd., Wandsworth, S.W.
Lindsell & Giffard, 1, Gresham Bldgs., Basinghall St., E.C.
*Littlewood, Lionel, F.S.I., 49, Doughty St., W.C.
*Lockyer, Son & Co., 12, Southampton St., Fitzroy Sq., W.
a*Lohr, C. H., 82, Upper Gloucester Pl., Dorset Sq., N.W.
a Long, Charles, "Hill[illegible]," Hampstead, N.W.
f*Longmore, William Alexander, 7, Gt. Alie St., E.
Lovell, Richard John, 46, Queen Victoria St., E.C.
L[illegible] C. W., 90, King William St., Strand, W.C.
f Low, George, 10, Basinghall St., E.C.
a Low, William Ralph, 10, Basinghall St., E.C.
a Lucas, William K., 12, Dalmeny Avenue, Camden Rd., N.
a Luck, H. R., Park House, Park Place Villas, Maida Hill, W.
MacCarthy, W. Emilius, 65 and 66, Chancery Lane, W.C.
McDonald, W. Scott, 2, Fen Court, E.C.
a*McDonell, George (District Surveyor), 72, City Rd., Finsbury Sq., E.C.
McGarel-Hogg, Hon. A., 50, Queen Anne's Gate, S.W.
f Mackinnon, A. K., F.G.S., M.I.C.E., 108, Oxford Gardens, North Kensington, W.
f*Mackland, John, 14, Hart St., Bloomsbury, W.C.
Macmurdo, Hornblower (a) & Walters, 20, Fitzroy St., [illegible] W.
a M[illegible] Furnival St., E.C., and 148, [illegible] Dalston, N.E. (District Surveyor for the Western Division of the City of London).
McLaren & Watson, 21, King William St., Strand, W.C.
*M[illegible] End, [illegible]
a M[illegible] W. [illegible] F.S.I., 27, Artesian [illegible]
*M[illegible] 66, Narford Rd., Upper Clapton, N.
a Manning, M. P., 6, Mitre Court Chambers, Temple, E.C.
M[illegible] M.A. [illegible], 22, [illegible]
*M[illegible] High [illegible]
a*Marks, F. W., 31, Great James St., Bedford Row, W.C.
Marsh, Harry, 14, Furnival's Inn, E.C.
Marsh, R. B., 159, Fenchurch St., E.C.
Marshall, C. J. (a), and Bradley, C. J., 31, Old Queen St., Westminster, S.W.
Marshall, William Cecil, M.A., & Vickers, 28, Bedford Sq., W.C.
+Marsland, E[illegible]
Martin & Purel[illegible] St., E.C.
f Martin, E. J., M.I.C.E., [illegible] Grindlay [illegible], 55, Parliament St., S.W.
f Martineau, Edward, Hen., [illegible] Weymouth St., Portland Place, W.
a Mason, C., A.M.I.C.E., M.S.I., Vestry Surveyor, Town Hall, Charing Cross, W.C.

*Mathews, Ed D., 11, Waterloo Pl., Pall Mall, S.W.
f Mathews, Joseph D., F.S.I., 11, Dowgate Hill, E.C.
May, Edward John, 21, Hart St., Bloomsbury, W.C.
Meakin & Archer, 11 and 12, Clement's Lane, Lombard St., E.C.
Meakin, Wm. F., & Son, 6, Martin's Lane, Cannon [illegible]
*Measures, Harry Bell, 16, Gt. George St., S.W.
f Medland, John, Rolls Chmbrs., 89, Chancery Lane, W.C.
Mercer, F. Howard, "Grassmere," Springfield Pk., Acton, W.
*Metcalf and Greig, 10, Sargeant's Inn, E.C.
a Mew, Fredk., 9, Gordon St., Gordon Sq., W.C.
*Midworth, R., Bank Chambrs., Station Road, Finsbury Park, N.
Mileham, C. H. M., 1, Lincoln's Inn Fields, W.C.
a Millard, Walter, 10, Gray's Inn Sq., W.C.
a*Miller, F. T. W., 10, Delahay St., Westminster, S.W.
Miller, Frederic, 21, Parliament St., S.W.
Miller, Walter James, 182, Oxford St., W.
Milne, W. O. (a), & Hall, J. C., 44, Gt. Marlboro' St., W.
Milnes, Robt., P.A.S.I., 67, Upper Tulse Hill, S.W.
a Minty, E. A., 28, Fulham Rd., S.W.
Mitchell, A. B. (f), & Butler, A. M. (a), 16, Finsbury Circus, E.C.
f*Monckton, Henry Percival, F.S.I., 82, Walbrook, E.C.
f*Monson, Edward, Grosvenor House, Acton Vale, W.
*Moody, Thomas, F.S.I., 20, Cockspur St., S.W.
a [illegible] Avenue Villas, Cricklewood, N.W.
*[illegible]
Moore, Richard Henry, 69 and 70, Mark Lane, E.C.
Moore, Temple, 4, Gt. Queen St., Westminster, S.W.
a*Moore, Theodore, 54, Bernard St., Russell Sq., W.C., and 144, Mile End Rd., E.
M[illegible] John W., & Letts, 185, [illegible]
Morris & Ryan, C. E., 2, Metal Exchange Bldgs., 95 and 96, Gracechurch St., E.C.
Morris, Jas. A. (f), & Hunter, 6, Delahay St., Westminster, S.W.
M[illegible] Chancery Lane, W.C.
*M[illegible] F.S.I., 7, Gray's Inn Place, [illegible]
*Mossop, John, "Franche," Ashley Rd., Tottenham, N.
Mottt, A. Clarendon, "Fairleigh," Shrewsbury Rd., Stonebridge Park, N.W.
f Mountford, Edward William, 17, Buckingham St., W.C., & Barcaldine, Westover Rd., Wandsworth Common, S.W.
*Maxon, C. F., 6, Endsleigh St., W.C.
*Muggeridge, Sidney, 6, Clapham Mansions, Clapham Common, S.W., & 135, Brixton Rd., S.W.
a Muller, J. J., P.A.S.I., 41, Archway Rd., High-[illegible]
*M[illegible] 46, Queen Victoria St., E.C.
a*[illegible] Edward, 12, Buckingham St., [illegible], and 3[illegible], King's Rd., Chelsea, S.W.
*M[illegible] F.S.I., Adelphi Chmbrs., [illegible]
M[illegible] St., Westminster, S.W.
*Murray, J. Innes, 89, Victoria St., S.W.
Murray, Robert Cunninghame, 1, Racquet Ct., E.C.
a M[illegible] W., 21, Surrey St., Strand, W.C.
Myres, Veevers, & Myres, 19, Railway Approach, London Bridge, S.E.
f*Nash, Walter Hilton, 5, [illegible] E.C.
Neale, James, F.S.A., 10, Bloomsbury Sq., W.C.
Needham, Joseph Geo., 11, Powerscroft Rd., Lower Clapton, N.E.
N[illegible]e, William West, 5, Bloomsbury Sq., W.C.
*Nevinson, E. [illegible], & Newton (a), 7, Staple Inn, Holborn, W.
New, E. V. ([illegible] F.S.I.), & Son, 62, George St., Portman Sq., W.
Newman, A. H. (f*), & Newman, D. (f*), 32, Tooley St., E.C.
*Newlyn, H. M., 40, Old Broad St., E.C.
f* Newman, John T., 2, Fen Ct., Fenchurch St., E.C.
Newson, Thomas, 17, Gracechurch St., E.C.
Newton, Ernest, 4, Raymond Bldgs., Gray's Inn, W.C.
*Newton, H. L., 11, Berners St., [illegible] W.
Niblett, E. E., 11, Union Ct., Old Broad St., E.C.
a Nicholl, S. J., 1, Caversham Rd., Kentish Town, N.W.
*Nichols, Daniel Cubitt, (f), & Sons, 3, Howard St., Strand, W.C.
Nield (a) & Marks, Monument Station Bldgs., King William St., E.C.
*N[illegible] Alfd. E., "Kentisbeare," Atney Rd., [illegible] and 52, Queen Victoria St., E.C.
a Niven, D. B., 9, Barton St., Westminster, S.W.
N[illegible] David Henry, 62 and 63, Basinghall St., E.C.
a*Northcote, Arthur E., 6, Red Lion Sq., W.C.
f Norton, John, 95, Ridgmount Gardens, W.C.

f Notley, Robert Pledge, F.S.I., 26, Bucklersbury, E.C., and 11, Paradise Row, Cambridge Rd., E.
Nottingham, W., 22, Kynaston Rd., Stoke Newington, N.
f Noyes, John Geo. Finch, Mayfair Chmbrs., 42, Halfmoon St., Piccadilly, W.
Oakley, William, 29, Charles St., St. James, S.W.
Oakley, William Harold, 14, Henrietta St., Covent [illegible]
*[illegible] F.S.I., [illegible], Walbrook, E.C.
[illegible] E.
*[illegible] & Son, [illegible], 84, St. Paul's Churchyard, E.C.
*Owen, John, 99, Gt. Russell St., W.C.
Pain, E. J., & Son, 19, Buckingham St., Strand, W.C.
*Paine, Edward Jabez, 11, Gt. James St., W.C.
*Palmer, C., 28, Chestnut Avenue, Forest Gate, E.
*Pargeter, Geo. H., & E. T., 3, Broad St. Bldgs., E.C.
Parker, J. F., 17, Coleman St., E.C.
*Parker, Stanley, F.S.I., 427, Edgware Rd., W.
Parkes, E. H., 10, Cowley St., Westminster, S.W.
*Parr & Sons, F.S.I., New Broad St. House, E.C.
*Parry, A. W., & Son, 27, Gt. George St., S.W.
a Parry, Sidney Gambier, Connaught Mansions, Victoria Street, S.W.
*Parsons, Henry, 88, Angell Rd., Brixton, S.W., [illegible] Surveyor for Lambeth and Camberwell.
Pa[illegible], North St., Westminster, S.W.
[illegible] Chancery Lane, W.C.
a P[illegible] John St., Adelphi, W.C., and [illegible] Wandsworth, S.W.
*Pa[illegible] Princes Mansions, Victoria [illegible]
f P[illegible] Norfolk House, Norfolk St., Victoria Embankment, W.C.
*Payne, E. Harding, 28, John St., Bedford Row, W.C.
[illegible]e, John, 10, Blythwood, Rd., Crouch Hill, N.
[illegible], W. Seth, 21, Bishopsgate St. Without, [illegible]
[illegible] Charles Stanley, Victoria Mansions, 28, Victoria St., S.W.
+*Pearce, R. L., F.I.Inst., 100c, Queen Victoria St., E.C., and 57, Chancery Lane, W.C.
a Pearson, George, 32, Finsbury Pavement, E.C.
f Pearson, J. L., R.A., F.S.A., 13, Mansfield Street, Portland Place, W.
a Pelly, Herbert Alexander, 288, Gresham House, Old Broad St., E.C.
f*Penfold, John W., F.S.I., 29, Gt. George St., S.W.
f Penrose, Francis Cranmer, M.A. Cantab., [illegible] dral Surveyors' Office, Chapter House, 68, St. Paul's Churchyard, E.C.
*Perkin, Joseph C., 6, Union Ct., Old Broad St., E.C.
Perriam, A. J., F.S.I., 52, St. John's Villas, Upper Holloway, N.
Perry, J. T. (a), & Reed, F. H. (a), 9, John St., Adelphi, W.C.
Perry, Geo., Charterhouse, Charterhouse Sq., E.C.
+Pertwee, William Hart, 14, Clifford's Inn, E.C.
Peters, Richard, Wool Exchange, Coleman St., E.C.
Pethybridge, John, 25, Lupton St., N.W.
Pettit, Samuel D. T., 85, Northcote Rd., Battersea, S.W.
f Phené, John S., LL.D., F.S.A., F.G.S., 5, Carlton Terrace, Oakley St., Chelsea, S.W.
*P[illegible] S.E.
*Phillips, W. R., 13, Ashchurch Pk. Villas, Ravenscourt Park, W.
f Phipps, Charles J., F.S.A., 26, Mecklenburgh Sq., W.C.
*Pilditch, Philip E., F.S.I., 17, Parliament St., S.W.
Pilkington, Alfred J., 1, Lincoln's Inn Fields, W.C.
Pilkington, Frederick Thomas, 24, [illegible], W.C.
Pinchbeck, John B., 92, Hampstead Rd., N.W., and 96, Gower St., W.
a Pinches, Fred. [illegible], John St., Adelphi, W.C.
a Piper, C. Welborne, 46, Shooter's Hill Rd., Blackheath, S.E.
a P[illegible] A. Beresford, 20, Hanover Sq., W.
Pite, A. B., & W. A. (f), 11, Hart St., W.C.
f*Plumbe, Rowland, 13, Fitzroy Sq., W., District Surveyor for West Hampstead
Pocock, Maurice Henry, 7, Queen Anne's Gate, S.W.
Poland, Chas. Fred. A., 9, Gt. James St., W.C.
a [illegible] E. W., Effingham House, Arundel St., W.C.
*[illegible] F.S.I., 14, Duke St., Adelphi, [illegible]
a P[illegible] W. [illegible], 2, Belleville Rd., Wandsworth Common, S.W.
*[illegible] W.C.
[illegible] 16, Russell Sq., W.C.
[illegible] Rd., West Hill, Wandsworth, S.W.
Poston, Henry, 39, Lombard Street, E.C.
Potter, Wm. F., 8, York Grove, Queen's Road, Hatcham, S.E.
*Potts (f), Son (a), & Hennings (a), 1, Furnival's Inn, Holborn, E.C.

Powells, C. E., Rolls Chambers, 89, Chancery Lane, W.C.
Powell, Edward T., 6, Queen Anne's Gate, S.W.
f Powell, Frederick A., 344, Kennington Road, S.E.
f Powell, W. H., 6, Southampton St., Bloomsbury, W.C.
P[illegible] Edward, 97, Queen Victoria St., E.C.
f* [illegible], Fredk. H., County Surveyor of Middlesex, Guildhall, Westminster, S.W.
Pownall, G. H., 29, Parliament St., S.W.
f Pratt, Hampden W., Rolls Chambers, 89, Chancery Lane, W.C.
Price, R. W., 12, Buckingham St., Strand, W.C.
Pridmore, F.S.I. (f), & Anderson, 2, Broad St. Buildings, E.C.
*Pridmore, A. S., F.S.I., 140, Junction Rd., N.
Pritchett, G. E., F.S.A., 31, Soho Square, W.C.
a Protheroe, Frank, 25, Old Queen St., Westminster, S.W.
a Pryce, T. E., 10, Gray's Inn Square, W.C.
f Prynne, G. H. Fellows, 6, Queen Anne's Gate, S.W.
Pugin & Pugin, St. Hubert's, Brook Green, W.
*Punnett, Wm. H., 63, Moorgate St., E.C.
a Purday, C. H., 8a, Whitehall Place, S.W.
f Purdue, A. E., Talbot House, Crownhill Road, Willesden, N.W.
*Putley, F. Meller, 10, John St., Adelphi, W.C.
*Puttick & Puttick, 3 & 4, Adelaide Place, E.C.
a Pywell, Wm., 8a, Brent Hill, Hanwell, W.
f Quilter, J. S., 1 & 2, Adam St., Adelphi, W.C.
*Radford, J. C., A.M.I.C.E., M.S.I., 153, High St., Putney, S.W.
Raffles, W. Hargreaves, 9, Argyll St., Regent St., W.
a Ransome, James, 11, Argyll Place, Regent St., W.
Rawlings, E., 16, Victoria St., S.W.
a Rawlinson, J., 65, Chancery Lane, W.C.
*Ray & Murrells, 7, Pont St., Belgrave Sq., S.W.
Read, H. (a), & Macdonald, R. F. (a), [illegible], Oxford St., W.
Reddall, W., & Sons, 10, South St., Finsbury, E.C.
[illegible] W.
f Reeks, C. F., 12, Middle Scotland Yard, S.W.
*Rees, S. P., 15, Rochester Rd., Camden Rd., N.W.
Reeve, J. Arthur, 20, [illegible] S.W.
a Reeves, C. [illegible] E.C.
[illegible]
[illegible] W. M.S.[illegible], 7, M[illegible] Chambers, [illegible]
Ricardo, Halsey, 13, Bedford Square, W.C.
+*Richards, T. R., F.S.I., Bedford Row Chambers, 42, Theobalds Rd., W.C.
+*Richardson, J. H., 270, Uxbridge Rd., Shepherd's Bush, W.
*Riches, H., 3, Crooked Lane, King William St., [illegible]
a R[illegible], T. M., P.[illegible] F., F.S.I., 8, [illegible] St., Russell Square, W.C.
Richmond, John, 7, Great College St., Westminster, S.W.
+*Ridge, A. M., 123 and 124, Newgate St., E.C.
f Ridge, Lacey W., 6, Verulam Buildings, Gray's Inn, W.C.
Rising, H. W., 104, Leadenhall St., E.C.
*[illegible] Chambers, 26, [illegible]
*[illegible]
[illegible] W.
a Roberts, Frank Hay, 41 & [illegible] St., E.C.
Roberts, Henry, 113, Lea[illegible]
Roberts, Richard, 41 & 4[illegible] E.C.
Robins, Ed., A.M.I.C.E., [illegible] Court, Charing Cross, S.W.
Robinson, George, 2, Waterloo Place, S.W.
Robinson, John, A.I.C.E., 7, Middle Scotland Yard, S.W.
f*Robson, E. R., F.S.A., F.S.I., Palace Chambers, 9, Bridge St., Westminster, S.W., and 2, The Paragon, Blackheath
f Roe, R. Mauleverer, 62 & 63, Basinghall St., E.C.
Rogers, Bone, & Coles, 7, Carteret St., S.W.
Rogers, Fredk., 25, Whitcomb St., Pall Mall East, W.C.
*Rolfe, W[illegible] S.W.
a*Romaine-Walker, W. H., & Tanner (a), 12, Old Bond St., W.
*Rooke, A. Bradley, F.S.I., 11, Great James St., Bedford Row, W.C.
+*Roome, W. J. W., 63, Clarendon Rd., Notting Hill, W.
a Roper, F. W., 9, Adam St., Adelphi, W.C.
Rose, H., 6, Staple Inn, W.C.
Ross, David Jas., Guildhall, E.C.
Roumieu (a), & Aitchison (a), 10, Lancaster Place, W.C.
Rovedino, A., 55, Camden Grove, Peckham, S.E.
R[illegible] Shrewsbury Rd., [illegible] N.W.
*[illegible] Aylesbury Avenue, Streatham Hill, S.W.
f*Russell, Robert Fabian, 6, Moorgate St., E.C.
Rutley, Charles & Frank, 11, Dowgate Hill, E.C.

-*Ryan, W. P., C.E., [illegible] Chmbrs., Ingram Court, Fenchurch St., E.C.
a Ryde, F. C., 29, Gt. [illegible] St., Westminster, S.W.
Sachs (Edwin O.), & Woodrow, 11, Waterloo Pl., Pall Mall, S.W.
*Sadgrove, E. J., 22, Surrey St., Strand, W.C.
a St. Aubyn, F. W., 2, Lambe Bldgs., Temple, E.C.
St. Aubyn, J. P., 2, Lambe Bldgs., Temple, E.C.
Salter, Issott & Salter, 13, Phœnix St., N.W.
Salter, Stephen (f) & Adams, 28, Woburn Pl., W.C.
*Sanders & Finch, 62, Lincoln's Inn Fields, W.C.
*Sanders, W. B., 2, Cathcart Rd., S. Kensington, S.W.
*Sanders, W. E., Lisburne House, Lisburne Rd., Hampstead, N.W.
*Satchell & Edwards (f), 37, Norfolk St., Strand, W.C.
fa Satchell, H. A., P.A.S.I., 3, Verulam Bldgs., Gray's Inn, W.C.
a Saul, H. A., "Perryvale," Walwood Rd., Leytonstone, E.
*Saunders, C. G., F.S.I., 5, Robert St., Adelphi, W.C.
*Saunders, Ed., & Son, 8, Bishopsgate St. Without, E.C.
Saunders, G., 111, King St., Hammersmith, W.
a Saunders, H. S., 9, Finsbury Circus, E.C.
Saunders, J., F.S.A., F.G.S., 9, Finsbury Circus, E.C.
a Saunders, Martin Luther, 8, Finsbury Circus, E.C.
Saville & Martin, Dacre House, Arundel St., Strand, W.C.
f Sawyer, Joseph, 63, Chancery Lane, W.C.
f Sawyer, Robert, 10, Craig's Ct., Charing Cross, S.W.
a Sayer, Charles Edward, 17, Soho Sq., W.
Scamell (f) & Collyer (Brewers), 18, Gt. George St., S.W.
f Scamell, G., F.G.S., "Gayton," Avenue Rd., Highgate, N.
*Schneide, E. L., 17, Cheriton Sq., Balham, S.W.
Schultz, R. W., 14, Gray's Inn Sq., W.C.
a Scorer, Geo. O., Abercorn Lodge, Upper Hamilton Terrace, N.W.
Scott, G. F. E., 25, Bedford Row, W.C.
a Scott, John D., 27, Brunswick Sq., W.C.
f Scott, J. O., F.S.A., 35, Spring Gardens, S.W.
*Scott, J. M., Langbourn Chmbrs., 17, Fenchurch St., E.C.
f Scott, William Gilbee, 25, Bedford Row, W.C.
a Scrymgour, W. H., 13, Lovell's Court, Paternoster Row, E.C.
*Scurry & Wright, Adelphi Chmbrs., 7, John St., Adelphi, W.C.
*Searle, Charles Gray, & Son, (+) 16, Southwark St., S.E.
Searle (a) & Hayes (a), 66, Ludgate Hill, E.C.
f Searles-Wood, H. D., 157, Wool Exchange, Coleman St., E.C.
f*Sears, John Edward, 16, New Bridge St., E.C.
Sedding, Arthur E., 12, North St., Westminster, S.W.
Sedding, J. D., & Wilson, H., 447, Oxford St., W.
[illegible] 23, Grosvenor Rd., S.W.
[illegible] Inn Sq., W.
a [illegible] Buckingham St., Strand, W.C.
[illegible] W.
f* [illegible] F.S.I., 46, Lincoln's Inn F[illegible]
[illegible] Buckingham St., Strand, W.C.
*Sharp, [illegible] Denmark Hill, S.E.
[illegible]
[illegible] Hampstead, N.W.
f [illegible] Avenue Rd., Upper Norwood, S.E.
*Sh[illegible]field, James B. A., 98, East India Dock Rd., E.
*Shenton, Fred W., "Penrith," Whetstone, N.
a Shepard, H. D., 2, Theresa Ter., Ravenscourt Pk., W.
a Sherrin, George C., 33, Finsbury Circus, E.C.
*Shiner, C. M., 2, Walbrook, E.C.
Shoebridge & Lewis, 163, Strand, W.C.
Shoppee, C. J. (f), (F.S.I.), & C. H. (f), (F.S.I.), 22, John St., Bedford Row, W.C.
Silley, Abraham, 17, Craven St., Strand, W.C.
Silley, George Michael, 17, Craven St., Strand, W.C.
a Simpson, John William, 10, New Inn, Strand, W.C.
a Sirr, H., 50, Twisden Rd., Highgate Rd., N.W.
Slade, Basil, 8, Grosvenor St., W.
f*Slater, John, B.A. Lond., 46, Berners St., W.
+Smee, F. E., 12, West Smithfield, E.C.
f Smith, Bernard, 8, Gray's Inn Sq., W.C.
* Smith, Charles H., 14, Victoria St., S.W.
a Smith, Frank Adams, 28, Finsbury Circus, E.C.
f+*Smith, F. J., 17a, Gt. George St., Westminster, S.W.
*Smith, H. W., 47, Crowndale Rd., Oakley Sq., N.W.
f Smith, Jas. O., F.S.I., 7, Old Queen St., Westminster, S.W.
S[illegible], James Trant, 53, Whitcombe St., Pall Mall East, S.W.
*Smith, J. Robert, 14, Union Court, Old Broad St., and 18, Gt. Prescot St., E.
*Smith, J. Moore, F.S.I., 14, Union Court, Old Broad St., E.C., and Rokeby House, Stratford, E.
f Smith, J. Hatchard, 41, Moorgate Station Bldgs., E.C.

f Smith, P. G., Highfield, Stonebridge Park, Willesden, N.W.
f*Smith, S. E. J., F.S.I., 14 and 15, York Buildings, Adelphi, W.C.
*Smith, T. H., 17 & 18, Basinghall St., E.C.
Smith, T. R. (f), & Son (a), 130, Temple Chmbrs., Whitefriars, E.C.
a*Smith, William, 65, Chancery Lane, W.C.
f Smither, J. G., 1, Allison Grove, Dulwich, S.E.
Smithies & Gladman (a), 10, Bush Lane, E.C.
f Snell, A. S., 22, Southampton Bldgs., Chancery Lane, W.C.
f Snell, H. S., 22, Southampton Bldgs., Chancery Lane, W.C.
Soames, A. W., M.A., 13, King St., Westminster, S.W.
Soames, Charles Ernest, 9, Nottingham Place, W.
f Solomon, Lewis, 55, Old Broad St., E.C.
a Southall, B. N., 7, Great James St., Bedford Row, W.C.
Spalding, H. (f) & Cross, A. W. S. (f), 15, Queen Street, Cheapside, E.C.
Sp[illegible] Rd., Hampstead, N.W.
Sparks, [illegible] Cassland Rd., [illegible]
f*Sp[illegible] Surveyor, 4, Verulam [illegible]
a Sp[illegible] Chancery Lane, W.C.
+*Spencer, Arthur George, 17, Coleman St., E.C.
f Spiers, R. P., Carlton Chmbrs., 12, Regent St., S.W.
Spiers, Walter L., 21, Bernard St., Russell Square, W.C.
Spooner, Chas., 50, Queen Anne's Gate, S.W.
Spooner, John A., 21, Avenue Rd., Forest Gate, E.
Spooner, Thos., 19, Avenue Rd., Forest Gate, E.
*Spratt, Henry Wm., 46, Queen Victoria St., E.C.
Stair, Walter, 9, Queen Victoria St., E.C.
Stanger, Caleb (a), & Son, F.S.I., 21, Finsbury Pavement, E.C.
Stanham, G. Gordon, 100a, Queen Victoria St., E.C.
f Stannus, Hugh, 61, Larkhall Rise, Clapham, S.W.
f Statham, Henry Heathcote, 40, Gower St., W.C.
Stedman, Chas. M., F.S.I., The Turret House, Kingsley Avenue, Streatham Hill, S.W.
Stent (F. Warburton) & Curzon, Gracechurch Bldgs., E.C.
*Stephenson, George, 15, Queen St., E.C.
a*Stevens, John William, F.S.I., 21, New Bridge St., E.C.
*Stevens, William Holditch, 21, Ashchurch Grove, Ravenscourt Park, W.
a Stevenson, G. D., 13 & 14, King St., Cheapside, E.C.
f Stevenson, Jno. J., F.S.A., 4, Porchester Gdns., W.
*Still, John Edward, 50, Finsbury Sq., E.C.
*Stimson, E. C., 22, Atherton Rd., Forest Gate, E.
Stirling, William, 11, Adam St., Adelphi, W.C.
Stock, H. (f), Page, R. (f), F.S.I., & Stock, H. W. (f), B.A. Oxon), 9, Denman St., London Bridge, S.E.
f Stokes, Leonard, 3, Princes St., Westminster, S.W.
f Stokes, Walter, 110, Cheapside, E.
f Stone, Coutts, 16, Great Marlborough St., W.
a Stone, Frederick, 31, John St., Bedford Row, W.C.
f Stone, Percy G., 16, Gt. Marlborough St., W., and 55, Carlton Hill, N.W.
Stone, Wm., 3, Gt. Winchester St., E.C.
*Stoneham, Rt. Thompson Hy., 150, Fenchurch St., E.C.
Stopes, H., & Co. (Brewer's), 11, Queen Victoria St., E.C.
a Strange, C. H., 67, Oaklands Rd., Cricklewood, N.W.
f Street, Arthur E., M.A., 14a, Cavendish Place, W.
a Street, Edward, 9, Sergeants' Inn, Fleet St., E.C., and 55, Approach [illegible]
Street, Wm. C. (f), A.M.I.C.E., F.S.I., & Scholefield, Cotterill, [illegible]
+*Strevens, E. J., 246, Camberwell Rd., S.E.
*Stringer, F. Hy., 42, Hanley Rd., Stroud Green, N.
a St[illegible], Francis John, 44, Finsbury Pavement, E.
f Style, Arthur Jas., 3, Victoria St., Westminster, S.W.
f*Sugden, H. Townley, 31, Great James St., Bedford Row, W.C.
a*S[illegible] 34, Walbrook, E.C.
Tabberer, Benjamin, F.S.I., Lecture Hall, Royal Hill, Greenwich, S.E.
f Tanner, H., F.S.I., Office of H.M. Works and Public Bldgs., 12, Whitehall Pl., S.W.
f*Tarring, F. W., 26, Coolhurst Rd., Crouch End, N.
**T[illegible] 36, Furnival St., E.C.
Tasker, Francis W., 2, John St., Bedford Row, W.C.
*Tasker, H. H., F.S.I., 53, Penton St., Pentonville, N.
Tatham, S. B., 2, Clement's Inn, W.C.
a Tayler, A. S., 2, The Sanctuary, Westminster and 151, Brixton Road, S.W.
a Taylor, A. E., 12, Buckingham St., Strand, W.C.
Taylor & Locke, Church Alley, Basinghall St., E.C.
Taylor, Chas. Cecil, Hoxton House Asylum, Hoxton, N.
a*Taylor, Frank S., 5, John St., Bedford Row, W.C.
f Taylor, John, Office of H.M. Works and Public Buildings, 12, Whitehall Place, S.W.
*Telfer, Frank Ponler, 9, Southampton St., Bloomsbury, W.C.
a Tenison, Arthur H. Ryan, 7, Great College St., Westminster, S.W.
a Thacker, S. J., [illegible], Montague St., Russell Sq., W.C.
*Theobald, Hy., F.S.I., 48, Finsbury Pavement, E.C.
Theobalds, Wm., 26, Budge Row, E.C.
Thomas T. Gibbs, 21, King William St., Strand, W.C.
f Thomason, Y., 9, Observatory Gardens, Campden Hill, Kensington, W.
*T[illegible] Arthur [illegible], [illegible] Bldgs., E.C.
Thompson, Chas., 9, Powerscroft Rd., Clapton, N.E., and 61, Bankside, S.E.
a Thompson, E. P., 35, Finsbury Circus, E.C.
a Thompson, John James, 1, Durham Place, Smith St., Chelsea, S.W., and 22, Charing Cross, S.W.
T[illegible] Bedford Row, W.C.
*T[illegible] Wood[illegible]
a T[illegible] S.W.
*Thorpe & Furniss, 154, High St., Camden Town, N.W.
+*Tidman, Edward, C.E., F.S.I., Connaught Mansions, 34, Victoria St., S.W.
f Tiltman, Alfred Hessel, [illegible], John St., Bedford Row, W.C.
Tinker & Morewood, 14, Southampton Row, W.C.
+Tinker, A. B., 48, Epple Rd., Percy Cross, Fulham, S.W.
*Todd, Philip A., 6, Gt. Queen's St., Westminster, S.W.
Tolley, J., & Son (a), 20, Budge Row, Cannon St., E.C.
Tomlinson, Richard, 13, John St., Bedford Row, W.C., and St. Margaret's House, Gunnersbury, W.
Thomlinson, Walter J. N., 11, Buckingham St., Strand, W.C.
Toombs, F., 12, Keith Gardens, Shepherd's Bush, W.
*Towell, William F., 3, Duke St., Adelphi, W.C.
f Townsend, Charles Harrison, 29, Gt. George St., S.W.
Treacher, George, 30, Coleman St., E.C.
*Treadwell & Martin, F.S.I., 3, Waterloo Pl., S.W.
Tregelles, John Allen, 47, New Broad St., E.
Tress & Innes (f), 27, Queen St., Cheapside, E.C.
+*Tribe, A. W., 91, Clapham Rd., S.W.
Troup, F. W., 14, Gray's Inn Sq., W.C.
*Truefitt, G. H. (f), & Watson, D. (a), 5, Bloomsbury Sq., W.C.
*Tubbs, Percy Burnell, 66 and 68, Aldersgate St., E.C.
a*Tucker, Samuel, 33, Argyll St., Regent St., W.
Tucker, T., 28, De Vere Gardens, S.W.
T[illegible], W.
a Tulloch, F. H., Albany Chmbrs., 39, Victoria St., S.W.
Tunley & Co., 28, Finsbury Circus, E.C.
Turner, Ernest, 246, Regent St., W.
a*Turner, H. G., Bedford Row House, 58, Theobalds Rd., W.C.
*Turner, Thomas N., 37, Upper Berkley St., W.
+*Tyas, F. C., M.R.A.S.E., 1, 8, London Wall, E.C., and 162, Brixton Hill, S.W.
f*Tyler, Robert Emeris, 71, Gower St., W.C.
Unsworth, W. F. (f), & Newbery, J. E. (a), 2, Poets' Corner, Westminster Abbey, S.W.
a Vacher, Sydney, 35, Wellington St., Strand, W.C.
*Vaughan, Victor, 17, Southampton St., Fitzroy Sq., W.
a Verity, Frank T., 11, Jermyn St., S.W.
*Vernon, Arthur, F.S.I., 29, Cockspur St., S.W.
*Vicars, Albert, Somerset Chmbrs., 151, Strand, W.C.
*Vickery, G., 18, Addle St., Wood St., E.C.
Vigers, A. F., 7, South Sq., Gray's Inn, W.C.
f Vigers, E., 81, Parliament St., S.W., & 79, Elgin Avenue, W.
a Vigers, G., 4, Frederick Pl., Old Jewry, E.C.
Vigers, Sidney, 537, King's Rd., Chelsea, S.W.
*V[illegible] Law, [illegible] Cheapside, E.C.
*V[illegible] Chancery Lane, W.C.
V[illegible], F.S.A., 6, Carlton Hill, St. John's Wood, N.W.
f W[illegible]e, F. B., 2, Princes Mansions, Victoria St., S.W.

f Wadling, H. J., F.S.I., 2, Mamba Bldgs., Temple, E.C.
*Wadmore, B. (a), F.S.I., Wadmore, J. F. (a), & Mallett, W. (†), F.S.I., 35, Gt. St. Helen's, E.C.
*Wagstaff & Warman, Highbury Lodge, Highbury Corner, N.
*Wagstaffe, T. R., F.S.I., 31, Fenchurch St., E.C.
*Wainwright, C. H., 124, Chancery Lane, W.C.
*Wakeford, H., 15, Stockwell Rd., Clapham Road., S.W.
*Wakley, H. M., Albion Chambers, 11, Adam St., Strand, W.C.
*Walker, J. E., 84, Davenport Rd., Uxbridge Rd., W.
f Walker, R., F.S.I., 10, St. Martin's Pl., Trafalgar Square, W.C.
Walker, W. T., 5, West St., Finsbury Circus, E.C.
a Wall, S. E., 26, Mount View Rd., Stroud Green, N.
Wallace, William, 27A, Old Bond St., W.
*Wallas, Irwin C., 37, Torbay Rd., Brondesbury, N.W.
a*Wallen, Frederick, 86, Gower Street, W.C.
a Wallis, W. E., 4, Trafalgar Sq., W.C.
a Walters, F. A., F.S.A., 37, Old Queen St., Westminster, S.W.
a Walters, H. B., 4, Gt. Queen St., Westminster, S.W.
Ward, W. H., 18, Lyndhurst Rd., W. Hampstead, N.W.
Waring & Nicholson, F.S.I., 55, Parliament St., S.W.
a Warner, Alfred Ernest, F.S.I., 6, Waterloo Pl., S.W.
Warren, E. P., 18, Cowley St., Westminster, S.W.
a Warren, F., 64, Burton Rd., Brixton Rd., S.W.
Waterhouse, A., (f) & Son, (f) (R.A.), 20, New Cavendish St., W.
a*Waterhouse, P. Leslie, M.A., 9, Staple Inn, Holborn, W.C.
Watney, D., 4A, Frederick's Place, Old Jewry, E.C.
Watson, P. H., 19, Craven St., Strand, W.C.
f Watson, T. H., 9, Nottingham Pl., W., and 9, Conduit St., W.
f*Waymouth, George, 23, Moorgate St., E.C.
f Weatherley, W. Samuel, & Jones, F. E. (f), 20, Cockspur St., Pall Mall, S.W.
f Webb, Aston, 19, Queen Anne's Gate, S.W.
Webb, A. A., 60, Clive Rd., West Dulwich, S.E.
Webb, T. [illegible], West Norwood, S.E.
a*Webster, J., 171, Lewisham High Rd., S.E., and 35, Mecklenburgh Square, W.
f Weir, J., 17, Victoria St., Westminster, S.W.
*West, A. William, 44B, Maddox St., W.
*West, William, 19, Craven St., Strand, W.C.

a Weymouth, R. H., 3, Herndon Rd., Wandsworth, S.W.
a Wheelhouse, Geo., 1 & 2, Adam St., Adelphi, W.C.
a*Whellock, R. P., 45, Finsbury Pavement, E.C.
Whiddington, W., 71, Queen St., Cheapside, E.C.
*Whincop, W., 15, Kyverdale Rd., Stoke Newington, N.
a Whinney, T. B., 19, Surrey St., Strand, W.C.
a Whitaker, E. M., 1, Gresham Bldgs., Basinghall St., E.C.
a Whitcombe, A. (F.S.I., M.S.I.), and C. F. (a), 48 & 50, Howland St., Fitzroy Sq., W.
a*White, F. Tupper, 232, Railton Rd., Herne Hill, S.E.
*White, H. Dow, 52, Finsbury Pavement, E.C.
a*White, W. H., 2, Vere St., Cavendish Sq., W.
f White, W., F.S.A., 30A, Wimpole St., W.
Whitfield, R. O., & T. J. A., 20, Cockspur St., S.W.
Whitley, H. L., 18, Westbourne Terrace Rd., Hyde Park, W.
Whyte, E. T., M.A., 31, Charing Cross, S.W.
*Wigens, C., 78, Earlsfield Rd., Earlsfield, S.W.
*Wigg, Oliver & Son, 7, Bedford Row, W.C.
Wilkinson, F. R., 5, Gratton Rd., West Kensington, W.
f Wilkinson, P., 17, Lincoln's Inn Fields, W.C.
a*Wilkinson, R. Stark, 14, Furnival Inn, E.C.
f*Wily, Robert, 33, New Bridge St., E.C.
f Williams, Alfred, 10, Exhibition Rd., S.W. (District Surveyor for South Kensington),
a Williams, F. E., 34, Henrietta St., Covent Garden, W.C.
Williams, J., 99, New Bond St., W.
Williams, J. Evelyn, M.I.C.E., F.G.S., 57, Charing Cross, S.W.
a Williams, R., 17, Effingham Road, Lee, S.E.
a Williams, T. E., 131, Victoria St., S.W.
*Wills, Edward, F.R.M.S., P.A.S.I., M.S.I., 21, Cornwall Gardens, Willesden Green, N.W.
a*Willis, T. W., Frampton Lodge, Clarendon Lodge, Putney, S.W. (District Surveyor for Putney and Roehampton).
a*Wills, F. R. G., "Inglenook," Sisters Avenue, Clapham Common, S.W.
+*Wills, H. O., 15, York Bldgs., Adelphi, W.C.
Wilson, Henry, 8, Gray's Inn Sq., W.C.
Wilson, H. O., 8, Aldebert Ter., Albert Sq., W.C.
*Wilson, J. K., 9, Argyll St., Regent St., W.C.
Wilson, Stephen B., 10, Basinghall St., E.C.
*Wiltshire, C. H., 15, Cowley St., Abbey Gardens, Westminster, S.W.
f Wimble, William, 9, Queen Victoria St., E.C.
Wimperis, J. T. (f) & Arbour, W. H., 25, Sackville St., W.

Winsor & Hancock (a), 47, Old Bond St., E.C.
a*Winstanley, Herbert, 10, Basinghall St., E.C.
*Winter, C. R., 119, Finsbury Pavement, E.C.
f Withall, L. A., F.S.I., Jewry House, 27, Old Jewry, E.C.
f*Witherington, W. Seckham, 33, Great Tower St., E.C.
*Witts, Edward, 2, Pountney Rd., Lavender Hill, S.W.
Wollett, William, 27, Lombard St., E.C.
f Wonnacott, T. R., 280, Lordship Lane, East Dulwich, S.W.
Wood, Henry, 31, Parliament St., S.W.
a*Wood, Herbert S., 16, Basinghall St., E.C.
*Wood, W. J., 1, Finsbury Circus, E.C.
Woodard, J. T., 18, Bedford St., Strand, W.C.
*Woodcock, R. J. & Son, 1, Laurence Pountney Hill, E.C.
Woodd & Ainslie, 35, New Bond St., S.W.
a*Woodrooffe, W. H., 214, Gt. Dover St., E.C.
f*Woodthorpe, E., M.A., 1, Circus Pl., E.C.
Woodward, J. A. J., 10, Crown Villas, Kennington Oval, S.E.
a*Woodward William, F.S.I., 13, Southampton St., Strand, W.C., and 7, Duke St., Adelphi, W.C.
a*Woollard, B., 16, Finsbury Circus, E.C.
*Worley, Charles Henry, 82, Welbeck St., W.
Worley Robert James, 46, Cannon St., E.C.
f Wornum, Ralph Seldon, [illegible] Sq., W.C.
*Worsfold & Hayward, F.S.I., 80, Cannon St., E.C.
a*Worsley, A. H., 135, Ladbroke Grove, Notting Hill, W.
a*Worthington, T. Locke, A.S.I., 7, Carteret St., Queen Anne's Gate, S.W.
Wreathall, Robert Thomas, 30, Walbrook, E.C.
*Wyatt, H. Payne, 30, Raeburn St., Acre Lane, Brixton, S.W.
Wyon, E., 16, Clifford's Inn, Fleet St., E.C., and 64, Hamilton Ter., St. John's Wood, N.W.
Wylson, O. C., (f), & Long, 15, King William St., Strand, W.C.
f Yetts, William M., 44, Finsbury Pavement, E.C.
+*Youlten, W., 150, Victoria St., S.W.
Young, Collings B., 28, Cockspur St., Charing Cross, S.W.
f Young, John, 3, Gt. Winchester St., E.C.
Young (John), Son & Johnson, 47, Mark Lane, E.C.
f Young, K. D., 17, Southampton St., Bloomsbury, W.C.
f Young, William, 6, Lancaster Pl., Strand, W.C.
a Youngs, L., 99, Ladbroke Rd., Notting Hill, W.
Youngs, W. F., Granville House, Arundel St., Strand, W.C.

Provincial.

BEDFORDSHIRE.

[illegible]

*Anderson & Froes, 153, Midland Rd.
Davis, Wm. Barnard, 59, Harpur St.
†*f*, Highton, George, Trinity House
*Hull, James, 17, St. Paul's Sq
*Lund, Richard, 8, St. Paul's Sq
Mallows, C. E., Howard Chmbrs., Howard St.
[illegible]
*Young, Henry, 92 Midland Rd.

BIGGLESWADE

*Handley Thomas, Station Rd
Manning, Geo. Wm., Shortmead St

LEIGHTON BUZZARD

*Lawrence, Joseph T., Bridge St.

LUTON

[illegible]
*Pearson, W. Joseph, Cheapside [illegible]
†*Smith, Albert E., 17, Church St.
*White, Charles, 3, Inkerman St.

SHEFFORD, B.S.O.

*Watson William, [illegible] Park

BERKSHIRE.

ABINGDON.

*Quinton, Herbert
†*West, John G. F., The Knoll

BRACKNELL.

†Sidford, Alfred Ernest, Wick Hill

MAIDENHEAD

*Davy, E. Clifton† & Salter, Junr., S. (*f*), M.S. Arts., 86, High St.
*a**Shrewsbury, E. J., Queen St. Chmbrs.
*Vardy, C. A., Queen St., Chmbrs.

NEWBURY

*Bell, Walter H., The Market Pl.
Money, James H., The Broadway

READING.

*Albury, Fred W., 151, Friar St.
*Cooper & Howell (*a*), 17, Blagrave St
*Dodd, James S., 148, Friar St.
*Goodman, J. Hugh, Town Hall [illegible]
*Greenaway, Joseph, 19, Duke St
*Hambling, W. G. A., Queen's Rd
*Lewton, William G., 44, Queen's [illegible]
*Millar, W. G., F.S.I., 10, High St
*Morris, Joseph, & Son, 156, Friar St. County Surveyor,
f, Ravenscroft, W., F.S.A., 6, Market Place
*Smith, C. (*f*), & Son (*f*), 164, Friar St
*Stallwood, S. Sangsby, F.S.A., 27 and 28, Market Place
f, Webb, G. W., Market Pl. Chmbrs

STEVENTON

Allin, A. B., Hendred Downs

SUNNINGDALE

*Kearle, Robert

WALLINGFORD

*Cooper & Howell (*a*), Market Place
†*Johns, S. C., St. Mary St.

WINDSOR

*Carey, John G., 50A, Thames St.
Davison, T. V., A.M.I.C.E., "Elmdale," Frances Rd. (Boro' Surveyor,
*Edgington & Summerbell, 17, Park St.
Howe, E., Windsor Castle
*Nottage, W. G., F.S.I., & Sammons, H. (A.A.I.), 54, High St.
[illegible], Castle Hill
*Wallis, John, M.S.I., "Stansfield," New Rd
†*Wyborn, S., 1, Park Ter., Sheet St.

WOKINGHAM.

†Sidford, Alfred Ernest, Broad St.
f, Webb, Geo. W., Lynden House, Broad St.

BUCKS.

[illegible]

*Bradford, James H., Town Surveyor [illegible]
[illegible]
*Taylor, William F., 23, Temple St.
[illegible] M.I.C.E., Bucks County Surveyor

CHESHAM, S.O.

Belch, Henry, High St.
Gibbons, H. J., Berkhampstead Rd
[illegible]
[illegible] M., High St.

DATCHET

*Carey, John G., Gloucester House
*Tubbs, Cyril B., "Denholme"

[illegible]

Aborn, Robt., Bridge Trust House, High St.
*Simmonds, John, Bridge Trust House, High St.
*Willis, Edward, F.M.S.A., P.A.S.I., M.S.I., High St.

FENNY STRATFORD

†*Chadwick, J., C.E.

GREAT MARLOW

Looker, John W., Institute Rd.
Thurlow, Thos., 23, High St.

HIGH WYCOMBE.

*Maxwell, Charles E., [illegible] Easton St.
Thurlow, T., 2, Easton St.
*Vernon, Arthur, F.S.I., "Borsham," Amersham Hill.

[illegible] (Leighton Buzzard.)

[illegible], Highgate House

SLOUGH.

Baker, J., Mackenzie St.
*Nottage, W. G., F.S.I., & Sammons, H. (A.A.I.), High St.
*Sargeant & Son, High St. & Wellington St.

STONY STRATFORD

f Harris, E. Swinfen

CAMBRIDGESHIRE.

CAMBRIDGE

a Atkinson, Thomas Dinham, St. Mary's Passage
Bays, Edwin, 8, St. Andrew's St.
Bell, Walter, 9, Regent St.
[illegible]
[illegible], De Freville [illegible]
[illegible], St. Andrew's St
*M[illegible], Downing House, [illegible] St
[illegible] F.S.I., M.I.C.E., & [illegible] House
[illegible] F.S.I., [illegible] St

ELY.

Robinson, Walter, Fore Hill

NEWMARKET.

†*Cranier, Charles, P.A.S.I., Rous Rd.
*Flatman, J., Kingston Villa, Upper Station Rd
*Holland & Son†, Fairstead Cottage
Manning, W. C., & A. S., (M.A. Cantab.), High St.
†*Roberts, H. W.

WISBECH

*Davis, W. H. H., Lynn Rd.
*Kerridge, J., & Sons, The Club Chmbrs., Old Market
*Langford, C. F., 7, York Row
*Peck, Charles H., Westgate House, Levington Rd
*Thorpe, G., Exchange Sq

CHESHIRE.

ALTRINCHAM.

Hudson, T. W., 46, Oxford Rd
*Macnamara, John, "Bancroft," Hale Rd.
*a**Owen, Wm., Ashley Rd.
*Roscoe, Maxwell A., 2, Dunham Rd

BARNTON (Northwich)

Von Slicher, August, C.E.

BIRKENHEAD.

*Anderson, A., 75, Old Chester Rd., Tranmere
*Brownridge, C., A.M.I.C.E., Boro' Surveyor's Office, Town Hall
*Brattan, Joseph, 59, Hamilton Sq
Cubbon, T. Wm., Bank Bldgs., 54, Hamilton St.
*Griffiths, Wm., 58, Hamilton Sq
Hancock, Saml., 57A, Woodchurch Rd.
*Hesketh, W., C.E., 1, Ravenscroft Rd
*Jones, J. R., & Co., 20, Hamilton Sq
*Lownsborough, Wm., 4, Duncan St.
*Ogle, J. C., 34A, Hamilton Sq
*a**Rees, T. Taliesin, 32, Hamilton St.
*Richardson, A., 435, Borough Rd.
*Walker, W., 70, Park Rd., South

BOWDON

*Goldsmith & Son, "Odstone"

CHEADLE, HULME

Little, Henry

CHESTER

*Beswick, Henry, 17, Newgate St.
*Boden, W. M., 17, Corn Exchange Chmbrs
Davies, J.H., & Sons, 24, Newgate St.
[illegible] Saml., Old Post Office Yard, Foregate St.
Douglas & Fordham [illegible]
[illegible] St. North
Grayson & Ould, The Mount, Boughton
Hodkinson, Edwd., 35, Pepper St
*Lockwood, T. M., (*f*) & Sons, 80, Foregate St

CONGLETON.

Brown, James, 4, Albert St.

CREWE

[illegible]
Gibson, William W. [illegible]
Granger, F. S., M.A. [illegible] Bldgs.

FRODSHAM

†*Davies, Samuel, 5, Alvanley Ter.

HARTFORD

Beckett, [illegible] T., West House

HOYLAKE

*Keef, Herbt. W., 4, The King's Gap

KNUTSFORD

*Davies, Thomas Mason

LYMM

*Watson, George H.

MACCLESFIELD

*Aston, Walter, 2A, King Edward St.
*Stephens, James, 100, Chestergate
*Whittaker, I., 19, King Edward St

MIDDLEWICH

*Worth, R. T., A.M.I.C.E., Kinderton St

NANTWICH

*Bower & Hall, Church Yard Side

NEW FERRY

Clarke, John

NORTHWICH

*Cawley Jos., Central Chmbrs.
Ellerton, M. K., 26, High St.
*Holland, J., 62, Witton St.

RUNCORN

*Wilson, J., "The Vines," Oxford Rd.

SAIGHTON

Boden, Walter M.

SALE (Manchester).

[illegible] House
[illegible]

STALYBRIDGE

Gill, G., "Gilmoor," Stamford Rd.

STOCKPORT

*Allen, T. H., 30, St. Petersgate
Atkinson, George, Holy Cottage, Adswood
*Brown, Thos. A., 68, Bowden St.
*Gould, W. A., 69, St. Petersgate
Hunt, James, 4, Warren St.
*Locke, C. R., St. Peter's Sq
*Pierce, P., & Son, 30, St. Petersgate
Preston & Vaughan, 16, Little Underbank
*Wilkinson, A. G., Caxton Chmbrs., St. Petersgate

STRETTON (Warrington)

Whitley, C. T. (*a*), Wallspit House

WHALEY BRIDGE

*Johnson, Charles W., Market St.

WILMSLOW.

*Mason, Richards & Swainson

WINSFORD

*Ladd, John E. P., 310, Ways Green

CORNWALL

ALVERTON (Penzance.)

Maddern, Hy., jun., Public Bldgs.

BODMIN

*Jenkins, W. J. Pearce, St. Nicholas
*Oliver, Menear, 2, Fore St

FALMOUTH

Bellamy, Franklin J., 24, Market St.

GRAMPOUND ROAD.

McCoskrie, F. W., Glencairn House

HELSTON

*Winn, William J., Parkseedge Villa

LAUNCESTON

*Wise & Wise (*f*), Westgate

[illegible]

*Andrew Thomas H., Dean Place
Sansom, John, Greenbank Lane

[illegible]

*Skentelbery, A. F., Rose Hill

PENZANCE

+*f*,Caldwell Oliver, Alexandra Rd
+*f*,Trounson John W., F.S.I., 27, Clarence St
Wear, N. C., jun., Holbein House
f,White, Henry, 1, Parade Passage

REDRUTH

*Chegwidden, W. L., 2, Hearnton Villas
*Hill, Sampson, 3, Station Hill

ST. [illegible]

*[illegible], Sea View Ter., Tregenna [illegible]

TRURO

Henderson & Son, 31, Lemon St.
+*f*,Trevail, S., 85, Lemon St.

TUCKINGMILL? [illegible]ARDREATH, near Station.

*Samble, W. J.

WADEBRIDGE

+*Martyn-Mear, W. T.

CUMBERLAND

[illegible]

*Armstrong, G., 45, Lowther St
*a*Ferguson, C. J., F.S.A., 60, English St.
*Graham, Joseph, Devonshire Chms. Devonshire St
+*Higginson, Hy., 20, English St.
*Hodgkinson, H. H., 45a, Scotch St.
+Howard-Smith, W., A.M.I.C.E., F.S.I., City Engineer and [illegible]
Johnstone Bros., Lowther St
[illegible]
f,Oliver, George Dale, The Courts County Architect,
[illegible]
*Rogerson, R. G., Devonshire Chmbrs
Scott, T. Taylor, 43, Lowther St
[illegible]ack, J., Bank St

MARYPORT

Eaglesfield, C. & Son 39, Senhouse St

[illegible]

*Settle & Farmer

PENRITH

*Watson, George, & Son, 3, St. Andrew's Pl

ST. BEES, S.O.

Clark, Geo. J., C.E., The Crescent

WHITEHAVEN

*f*Banks Thomas L., 22, Lowther St.
+*Moffat, J. S., 53, Church St.
*Pickering & Crompton [illegible], C Es 11, Lowther St., and 83, George St.

WORKINGTON

Howes, James, Bridge St.

DERBYSHIRE.

ALVASTON BY DERBY

*Leslie, Frank A. R., Brighton Rd.

[illegible]

+*Hunter, M., A.M.I.C.E., King St.
*Newbold, Charles Albert Villas

BUXTON

+*f*,Brydon, W. R., F.S.A., 1, George St
*[illegible] Terrace Rd
*[illegible]
*[illegible]
*Straw, Jn., L., A.M.I.C.E., Court House Chmbrs.

CHESTERFIELD

*Haslam, W., Hurstoft, near
+*Jackson, W. Cecil, 29, Knifesmith Gate
*Parker George 12, Parker's Row
*[illegible] Samuel & Son, 13, Corporation St
*Shewbrooks, C., Devonshire Estate [illegible]
[illegible] Market Hall Chambers
Wagstaff, W. H., Saltergate

CLAY CROSS

[illegible] A.S.I., Fern [illegible] Market St

[illegible]

[illegible] Albert [illegible]

[illegible]

+*Copestick G. C., 47, Bateman St.
+[illegible] Chmbrs., Irongate
*Coulthurst & Booty, 4, Albert St
*Currey, Percy H., 3, Market Pl
[illegible] Arthur, 6, St. James' St.
*Hill Arthur Coke 28, St. Mary's Gate
Lingard, John Edward, C.E., Charnwood St
*Macpherson, Alex., 16, Tenant St.
*Naylor [illegible], Sale & Mills, Old Bank Chambers, Irongate
[illegible] M.S.I., & Son, 3 St. Mary's Gate
*+Ryley Ernest, Imperial Chambers, [illegible]
Story, John Somes, C.E. (County Surveyor), Market Pl.
*Swindell, William, Imperial Chambers, Albert St
*Thurlby, R. (Caril) Corn Exchange
[illegible] St. Peter's Churchyard
*Wright, James, F.S.I., St. James's St.

DRAYCOTT near DERBY

*Antliff, F. S.

DUFFIELD

*Waite, Richard, Green Trees

GLOSSOP

*Hawke Robert G., 40, Norfolk St.

HORSLEY? [illegible], near DERBY

*[illegible] A.M.I.C.E., F.S.I., [illegible]

ILKESTON, R.S.O.

+*Haslam George, Euclid House
*Hunt, Charles W., 36, Station Rd.
*Richards, Samuel, 3, Market Pl.

LONG EATON

*a**Child, E. H., P.A.S.I.
*Ridgway, E. R., M.S.I., Main St.
*Sheldon, John, Darley House

MATLOCK.

*Turner, James, Crown Sq., Matlock Bridge

NEWBOLD.

*Coates, E. A., Avenue House, Newbold Moor

NEW MILLS (Stockport).

*Pollitt, John & Son, Town Hall

RIPLEY, Derby.

*[illegible] R., Alfred St., C.E.
[illegible], John, Ivy Cottage

SANDIACRE

*a**Child, E. H., P.A.S.I.

DEVONSHIRE.

AXMINSTER

*Tanney & Son
[illegible] A., [illegible]ford Hall

[illegible]

Gould, —, Castle St.
*Lander Alexander, Bridge Bldgs.
*[illegible]
+*Petter, Fred W., Bridge Bldgs.
+*[illegible] F.S.I., 6 Cross St.

[illegible]

*Hookway, Robert T., Bath House
+*[illegible] Malam [illegible] St

BLACK TORRINGTON

Reichel, Lucius H., Beard Court

CHAGFORD.

Hooper, E. F., Hillsboro'

CULLOMPTON.

Rutley, M., Flore St

DARTMOUTH.

+*Bass, E. H., C.E., New Rd.

DAWLISH

*Delbridge, J. S., 1, Priory Ter.
+*Dobell, Samuel, Sea Lawn

DEVONPORT

Leest, Edgar M., Laboratory House, Mount Wise
*a**Luff, Henry G., 64, Chapel St.
Richards, W. N., 29, St. Aubyn St.

EXETER

+*Cole, Charles, 50, High St.
*Commin, Fred. J., F.S.I., 7, Bedford Circus
f,Crocker James, 10, Queen St.
*Croote, W. S., 93, Paris St
+*Dobell Samuel, Queen St. Chmbrs.
f,Harbottle, Edward Hall, County Chmbrs., Queen St
f,Jerman, J., F.R.M.S., 5, Bedford Circus
*Kerley & Ellis, 16, Gandy St.
*Lucas, J. Archibald, P.A.S.I., Guildhall Chmbrs.
*Pinn Charles & Son 9, Wonford [illegible]
+*Ralling, Octavius, 9, Bedford Circus
+Reed Harbottle 12, Castle St
*Tait & Harvey,+ Cathedral Close
*Ware, Charles E., F.S.I., M.I.C.E., 37, Gandy St. Chmbrs
+*Warren, Edward G., Commercial Chmbrs

EXMOUTH

*Carter, Frank E., 1, Johnson's Pl.
*Kerley & Ellis, Station Parade
*Sherwin Procter, Madeira Lodge

HATHERLEIGH

*Hooper, Samuel, Reed House

ILFRACOMBE

*Braund, H., 112, High St
*Gardner, Henry M., Brooklands
*Gould William H., Collingwood
*Hussell Allen T., Market Square
Myatt, John 41, High St
[illegible]orne, Arnold, 11, Northfield
*Weir H. W., 6, Portland St., and [illegible]
*[illegible] M.S.A. [illegible] Regent Ter. [illegible]

KINGSBRIDGE

*Adams, J. E., "Rosehill," Dodbrook
Latham, A., Manor Cottage, Fore St

NEWTON ABBOTT

*Cull, James R., 46, Queen St.
*[illegible] W.,+ & Son, St. Paul's [illegible]
*Segar, Samuel, Union St.
*Stow, Wm. R., 1, Southernhay
Watson, Richard, P.A.S.I., 19, Gloucester Rd

PAIGNTON

*Appleton, E. (*f*), M.I.C.E., and Son, Roundham Hill Rd
*Bridgman, N. G. (*a*), & Bridgman, W. H. (+), Victoria St.
*Couldrey, W. G., 19, Palace Avenue
*[illegible] Surveyor's Office, Town Hall
[illegible] "Sorrento"

PLYMOUTH

*Baxey, M. A., Russell Bldgs., Frankfort St.
a Bewes, Austis G., 10, Courtenay St
*Borland, W. H., Russell Bldgs., Frankfort St.
*Corderoy, Selby & Corderoy, F.S.I. 12, George St.
*Foster, J. B., F.S.I., 4, Cambridge St
+*Harvey, J., 9, Courtenay St
*Hine (*f*), & Odgers, 23, Lockyer St.
*Hodge, J. L., A.M.I.C.E., 22, Courtenay St.
Keats & Coath-Adams,+ 34, Bedford St.
*King & Lister, 20, Princess Sq
a[illegible], T. Rogers, 24, Westwell St
*Mill, R. A., 10, Frankfort St
*Neal, Robt. H. B., Central Exchange, Whimple St.
*a**Pethick, B. A., 5, Queen's Gate Villas
a Shires, B. Priestly, Central Exchange, Whimple St.
*Snell, H. J., 13, Courtenay St.
*Wiblen & de Boinville (*a*), 96, Old Town St.

SEATON, Axminster.

Gush, G., Manor Office

SIDMOUTH

*Sampson, R. W., Manor Offices

TIVERTON

*Williams, W. E., 58, St. Peter St.

TORQUAY

*Appleton, E. (*f*), M.I.C.E., & Son, 1, Vaughan Parade
*Bridgman, N. G. (*a*), & Bridgman, W. H. (+), 67, Fleet St.
*Richards, —, Victoria Parade
*Watson, John, 1, Lower Ter

TORRINGTON

*Medland, William C., Windy Cross House

TOTNES

*+Acock, C. G. S. (County Surveyor)
*Tollit, William M., Highlands

WESTWARD HO.

+*Wilson, G. Malam

WINKLEIGH, R.S.O.

+Keenor, Edward, Park Place

DORSETSHIRE.

[illegible]

*Hunt, C., Elmfield Cottage

BRIDPORT

Cooper Frederick, East St
Reynolds, William, East St.

DORCHESTER

*Fletcher, Walter J., M.S.I. County Surveyor, Shire Hall
Hunt, G. J., C.E. (Borough Engineer and Surveyor), The Guildhall
*Tiley, A. L. T., Cornhill Chmbrs.

PARKSTONE.

*Holland, Thomas J. B., "Cressing"
f Newman, S. J., Ashley Rd.

POOLE

*Barnes, H. Fitz-James, Towngate St.
*Pearce, Edmund, Parade

SHERBORNE.

+*Farral, Thomas, M.I.A., M.I.C.E., Newland

STALBRIDGE

*Parsons, Samuel L., Gold St.

SWANAGE

*Clifton, J. E. (*f*), F.S.I., & Robinson, Old Bank House
*Saul, G. P. Dovern, 1, Station Rd.

WAREHAM

*[illegible] William W., North St

WEYMOUTH

*+[illegible] 10, Gloucester Ter.
*Crickmay, G. R. (*f*), & Son (*f*), F.S.I., 77, St. Thomas St.
*[illegible]
*[illegible]
*Morgan, W. [illegible] M.S.I., Boro' Surveyor and Engineer,

WIMBORNE.

+Chuchen, W. T., Cachel
f,Fletcher, W. J., County Surveyor's Office
*Meader, F. J., Wimborne Minster

DURHAM.

BISHOP AUCKLAND.

*Lindsay, Robert, C.E., 7, Regent St.
*Livesey, F. H., Market Place
Rul[illegible] Robert [illegible]
*Thompson [illegible] W., [illegible] Market P.

[illegible]

+*Shell, W. S., 40, Roger St.
*Wilson, G T., 121, Durham Rd.

BLAYDON-ON-TYNE.

f*Nicholson, T C., F.S.I.

CHESTER-LE-STREET

*Cowe, R. G., Murray Terrace

CONSETT, R.S.O.

*Purvis, F. J., 8, Park Rd.

[illegible]

Clark, F. (f), & Moscrop, W J (f) Diocesan Surveyor), Feethams
*Dickinson, G D. & Son, C.E., 5, Houndgate
*Hodgson, William, 10, Victoria Rd.
f*Hoskins, George G., Northgate
Livesey, W., Raby Castle
*Lyall, E. W., Northgate
*Pritchett [illegible], 24, High Row
*Pritchett, J P., 24, High Row

DURHAM

*Crozier, W., A.M.I.C.E., County Engineer & Architect, Shire Hall
f Fowler, C. H., F.S.A., M.A., The College
a*Gradon, H. T., 22, Market Pl.
*Henry, H., 35, North Bailey
Jones, W. T., 1, Claypath
*Ord, George, 16, The Avenue
Lutter, W., Rose View, Crossgate Moor

FENCE HOUSES

Cowe, J. Gibson, Lambton Grange

GATESHEAD.

*Dunn, W. H., 1, Belle Vue Ter.
a†*Fraser, J W., 3, Lonaine Ter., Low Fel.
+*Purser, F. W., 10, West St.

WEST HARTLEPOOL.

*Clayton, J., Municipal Buildings
*Du[illegible], R [illegible] Municipal Buildings
*Garry, James, 1, Church St.
*Wilson, John J., Victoria Bldgs., Church Sq

JARROW-ON-TYNE

*Hanson, J. Walter, 79, Wear St.

SOUTH SHIELDS.

*Davidson, Thomas E., King St.
Dent, Wm. John, Hill House, Woodlands Terrace
*Dingle, John M., 3, Ocean Rd.
Dockwray, J J., 18, King St.
a*Donald, John W., 67, King St.
a*Grieves, H., Albany Chambers, King St.
*Hanson, J. Walter, 79, King St.
f*Morton, Joseph H., 50, King St.
*Page, T A., & Son, Waterloo Chmbrs., King St.
Renoldson, Fred., 3, Union Chms., King St
*Stout, J. E., Commercial Chmbrs., 72, King St.

SHOTLEY BRIDGE.

*Smith, J & Son, Rose Cottage

STANLEY, R.S.O.

*Crossling, T E.

STOCKTON-ON-TEES.

*Bage, John, 5, Bishopton Ter.
*Harrison, A., P.A.S.I., Exchange Bldgs., 90, High St.
+*Linton, W. H., 13, Exchange, High St.
+*Richardson, T W. T., 57, High St.
*Sanderson, John, Hartburn Rd
*Weatherill & Whi[illegible], High St.

SUNDERLAND

*Brown, G. T., 17, Fawcett St.
*Caws, Frank, 22, Fawcett St
Coates, F. E. (a), & Barnes, H. (a), 41, Fawcett St.
*Eltringham, John, 62, John St.
*Henderson, J., Jun., 24, John St.
+*Howell, Geo. T., 68, John St.
f*Middlemiss, Green, & Hedley, 26, Fawcett St.
a*Milburn, T. R., 20, Bridge St.
*Milburn, W., 35, West Sunniside
*Potts, J & Son, 57, John St.
Pratt, W D., Camden St., Southwick
*Shiel[illegible] Joseph, 42, Fawcett St
T[illegible]
*[illegible] J & [illegible]
*Wilson [illegible], Fawcett St.

THORNABY-ON-TEES.

+*Linton, W H., Mandale

TOW LAW

Graham, John, Sunniside

ESSEX.

BARKING.

f*Dawson, C. J., M.S.I., East St.
*Lamb, G., 76, East St., & 82, Longbridge Rd.

BRENTWOOD

+*Cubitt, E. N., 6, High St.
+*Woods, A. T G., New Rd

BRIGHTLINGSEA

+*Butcher, Chas. E., High St.

BUCKHURST HILL.

a*Tooley, H., 2, Hannah Terrace, Queen's Rd.

CHELMSFORD

f*Chancellor, F., F.S.I., High St.
*Evans & Reade, 18, Duke St.
+*Harris, F E. L., [illegible], High St.
Mawhood, R., 2, Market Rd
a*Pertwee, C., Bank Chms., New St.
*Whitmore, Frank, 17, Duke St.

CLACTON-ON-SEA, S.O.

*Baker, Thos. H., Town Hall
*Cressy, T. A., "The Cedars," Colne Rd.
*Start, J. W., F.S.I., C.E., Public Hall

COGGESHALL.

*Clark, J W., Church St.

COLCHESTER

+*Baker, T H., Head St
*Butcher, Chas E., 3, Queen St.
Dampier, E. J., Head St
Goodey, Jas. F. & Cressall, W. T (a), 2, Victoria Chmbrs.
*Page, George Hy., Trinity Chmbrs.
*Start, J. W., F.S.I., C.E., Cups Chmbrs.

EPPING.

*Winter, Jas., Dane Lodge

GRAYS

*Cobham, C., F.S.I., A.S.I., 3, Shakespeare Villas, High St.

HARWICH.

Start, J W., F.S.I., C.E., West St.

ILFORD

Cropper, Horace J., Yew Tree Villa
f*Dawson, C. J., M.S.I., 7, Bank Bldgs., High St.
a*Woolb[illegible]

LOUGHTON, S.O.

f Cubitt, James
a*Egan, Edmund, "Holmdale"

MALDON

*Beaumont, P M., A.M.I.C.E.

ROMFORD

*Davey, Theo., Crown Chmbrs., & 2, Western Rd

SAFFRON-WALDEN

Johnson, Fdk. Henry, Church St.

SNARESBROOK

*Theobald, Hy., F.S.I., M[illegible]ington Lodge, Church Green

SOUTHEND-ON-SEA

*Burles & Harris, Clarence St.
*Cayton, A., C.E., Clarence Rd.
*Field, Andrew Alfred, Tower Buildings, High St.
Thompson, Jas., C.E., 37, High St.
*Wood, W J., 28, Alexandra St.
*Wright, Edwd., 3, Queen Anne Villas, Whitegate Rd.

WALTHAMSTOW.

†*Dunford, J Williams, F.S.I., "Linda," Folkestone Rd.
*Kelf, J J., 26, High St., and opposite Hoe Station
f Longmore, W A., Bridge Chmbrs.

WANSTEAD.

*Knight, [illegible]
*[illegible] Herbert, [illegible] Wanstead, [illegible]

WOODFORD.

*Forge F Lindus, Home Cottage Tavistock Rd., South Woodford
*Noble, John, Woodford Bridge

GLOUCESTERSHIRE.

BERKELEY

Bruce, Andrew, Office of Works, Berkeley Castle

BRISTOL

a*Barnes, E. W., Guildhall Chmbrs., Broad St.
f*Bernard, W L., 3, St. Stephen's Chmbrs., Baldwin St.
Bevan, J., 1, St. Stephen's Chmbrs., Baldwin St.
a*Bond, F. B., Liverpool Chmbrs., 36, Corn St.
*Bryan, H. D., 38, College Green
+Connelly, J. E., C.E., The Grange, Knowle
*Cotterell [illegible]
Craik, J., 4, Colston St.
Crisp, H (f), & Oatley, [illegible] Clare St.
*Drake [illegible] M., 24, College Green
Edwards, E. H., 4, Unity St.
Foster & La Trobe (f), 20, Clare St.
*Foster & Wood, 35, Park St., College Green
*Fripp & Saunders, Whitson Chmrs., Nicholas St.
*Froud, Maynard, 3, St. Stephen's Chmbrs., Baldwin St
*Gabriel, Edward, Lucan Hall Chmbrs., Baldwin St
*Gingell, W B., Alliance Chmbrs.
Gough, William Venn, 24, Bridge St.
a Hanson, E. C., Shannon Court, 22, Nicholas St.
*Harford, Alfred, "Llys Coed," [illegible]
a*Hirst, Hy C M., 30, Broad St.
+*James, R. C., 3, Cornwallis Villas, Godney Rd., Clifton
+*Jones, H J., Wellington Chmbrs., 12, Bridge St.
*Llewellins & James, Castle Green Brewers'
*Masters, Walter, 12, John St.
*Munro, F [illegible], F.S.I., & Son, [illegible] F.S.I., 2, St. Stephen's Chmbrs., Baldwin St.
*Nicholson, T., Guildhall Chmbrs., Broad St.
a*Paul, Walter, S., Provident Bldgs. 15, Clare St.
P[illegible], J., 1, All Saint's Court
*Pope, T S., 3, Unity St., College Green
*Price, Walter H., Dorset House, Greville Rd., Bedminster
*Scoones, T J., M.I.C.E., 8, Unity St., College Green
+Shove, F., Clare Chambers, St. Stephen's St.
*Thomas, J., F.S.I., Athenæum Chmbrs., Nicholas St. (City Surveyor)
+*Trew, A. H. F., 22, Broad St.
+*Williams, Henry, 28, Clare St.
*Wills, F W., Foster's Chmbrs., Small St.

CHARLTON KINGS, CHELTENHAM.

Villar, Jas., F.S.I.

CHELTENHAM.

*Darby, J T., 3, Tavistock Pl.
*Knight & Chatters, 110, High St.
*Muller, Charles M., 1, Ormonde Ter
Pearson, A E., [illegible], Promenade
Prothero & Phillott [illegible], 13, Promenade
*Sadler G W., F.S.I., 407, High St.
*Villar, James, 1a, Cambray
COLEFORD.

*Lewis, Owen, Hampden Villa, St. Briavels

GLOUCESTER.

D[illegible] Alfred [illegible], St. Michael's [illegible]
*[illegible] W., 52, Worcester St
f Medland, M. H., 15, Clarence St. (County Architect)
*M[illegible] Berkeley St.
*Niblett, Edwin, 9, Arthur St.
+T[illegible] M.S.I., [illegible] Chambers, Station Rd
f Waller & Son (f), (Diocesan Surveyor for Gloucester), 17, College Green
a Wood, Walter B., 12, Queen St.

STROUD

*Ch[illegible]ld, William, London Rd
*Fisher, William H C., 6, Rowcroft

[illegible]

*Gray, W. H., Borough Surveyor)

HAMPSHIRE

ALLERSHOT.

+*Friend, S., 49, Grosvenor Rd.

ALRESFORD

*Hunt, William Henry

ALTON.

*Eggar, James Alfred, High St.

BASINGSTOKE

*Gibson, James, New St
*Wallis, R.

BOURNEMOUTH

*Bath, Edwin, "Exbourne," Morley Rd., Westbourne
*Broad, Frederic, Oxford Rd.
*Brown, J. S. C. McEwen, 4, Roumelia Terrace, Christchurch Rd., Boscombe
Burton, Edgar, New Hall, Branksome Park
+*Butler, [illegible] M Arthur, Salisbury, [illegible]
*Creek, Gifford (+), & Oakley (F.S.I.) Delphi Chmbrs.
*Hawker (+), & Mitchell, St. Peter's Chmbrs
*Hogg, J G., Rycroft, Boscombe
*Jennings & Goater, G P O. Chms.
*Kemp-Welch & Thomas, Avenue Chmbrs.
*Lawson, , Yelverton Chmbrs.
a*Lavessy, G A. Bligh, Salisbury Chmbrs., Boscombe
*Miles, C T., Observer Chmbrs
*Moore, J H., 14, Old Christchurch Rd.
+*Nuttall, John, "Vellacot," Poole Rd.
Parken, Augustus H., Bank Bldgs.
*Pinder, R. G (f+), & Fogerty, J. F. (a) (B.E.), 2, St. Peter's Ter
Sanders & Stileman, 75, Old Christchurch Rd
f*Stevens, T., Richmond Chmbrs.
*Ware, A. G., "The Filberts," Christchurch Rd., Boscombe
*Wight, Norman, P.A.S.I., Boscombe

BURGHCLERE (Newberry).

Bacon, Francis, Earlston

EASTLEIGH.

*Galbraith, Augustus W., C.E., The Council Office, Market St.

EMSWORTH

*Dixon, Harvey A., High St.

FAREHAM

*Atkins, Norman H., Town Hall
*Butler W[illegible], [illegible] St
*Cobbett, W., A.M.I.C.E., M.S.I., 63, West St.
+*Judd, Walter, Crofton, near

FARNBOROUGH

*Punshon, Wm. Killingworth, Farnboro' Rd.

GOSPORT

*Atkins, Norman, H., 30, High St.
+*Smith, H. A. F., Star Chambers, High St

HAVANT

*Stallard, Alfred Edwin, F.S.I., West St

LANDPORT

Pearce, W. B., Prudential Bldgs.
Rake, (*+), & Cogswell (+), Prudential Bldgs.

LONGPARISH (Whitchurch).

*Wilkinson, F. R.

MILFORD-ON-SEA

f*Evans-Vaughan, Chas.

PETERSFIELD

+*Keates, Henry Thomas, College St.

POKESDOWN, BOURNEMOUTH

*Smith, Archibald, St. Kitts

PORTSMOUTH

*Bone, A. H., 148, High St.
+*Cook, C. C., 86, Commercial Rd.
*Ford, A. J., A.M.I.C.E., Buckingham House, 11, High St.

ROMSEY

*Smith, John, Market Place

SOUTHAMPTON

+*Evans, E. W., 15, Portland St.
*Galbraith, Augustus W., C.E., 12, Portland St.
*Garland, Hy. Jas., 9, Bellevue Ter., Bellevue
*Greenwood, Stansfield C., 11, Portland St
*Hill, W. B., F.S.I., 62, Above Bar
*Jurd, William, F.S.I., 10, Oxford St.
*Lemon (f), & Blizard, C.E., Lansdowne House, Castle Lane
*Lucas, R. D. M., 1, Portland St.
*Mitchell, W. H., Son & Gutteridge, 9, Portland St
*Morris, Hy., 7, Osborne Rd., Portswood
*Poole, J. G., & Son, A.M.I.C.E., 2, Portland St
+*Pope, S. Kelway, 27, Portland St.
*Sanders, Ingalton, 23, Portland St.
*Weston, H. J., A.M.I.C.E., 24, Portland St.

SOUTHSEA

Atherley, M. K., 11, York Terrace, Fawcett Rd
Ball, Chas. W., Whittington Chmbrs., King's Rd.
f*Bevis, C. W., Elm Grove Chmbrs.
Boismaison, J. F. B., 67, Green Rd
*Guy, A. E. J., 79, Albert Rd
+Lewis, A. J., 29, Orchard Ter., Fawcett Rd
*Vernon-Juppen, G.E., F.S.I., 6, King's Rd.
+f*Walmisley, J. W., F.S.I., 7, King's [illegible]

WINCHESTER

*Cancellor & Hill (a) 14, Jewry St.
*Colson, J. & Colson, J. B. (f), 45, Jewry St.
*Comely, John G., 3, Southgate Rd.
*Galbraith, Augustus W., C.E., 6, [illegible]
*Micklam, Thomas, Oriel House, 25, City Rd.
Pink, Farrow (f) & Nisbett (a), 63, High St.
*Robinson, James, A.M.I.C.E., 13, Southgate St., County Surveyor,
*Stopher, T., F.S.I., 57, High St.

HEREFORDSHIRE.

HEREFORD

*Barker, E. H. L., 146, St. Owen St.
+*Davies, E. G., C.E., 6, St. John St.
Evins, Joseph Hancock, 132, St. Owen St.
*Godsell, G. H., F.S.I., Palace Chambers, King St
*Nicholson (a) & Hartree, 6, St. Peter's St
*Robinson, Walter Wm., 10, King St.

ROSS

Pearson, A. H., Warrendale
*Small, Arthur Pole, St. Mary St

HERTFORDSHIRE.

BARNET

*White, Joseph, 35, High St.

BISHOP'S STORTFORD.

Brett, Alfred, South St
Cooper, James B., The Lawn
*Pritchett, G. E., F.S.A., Oak Hall

ELSTREE

*aThompson, E. P.

HATFIELD.

Shillet, Henry T., Hatfield Park

HEMEL HEMPSTEAD

*Fisher, William A., 86, Marlowes
*Harvey, George, 28, Marlowes
*Robinson, N. Wishart, F.S.I., 69, Marlowes
*Woodman, T. Foster, F.S.I.

HERTFORD.

Andrews, R. T., 25, Castle St.
Dickenson, T. R.
*Farley, James, Old Cross
*Thorowgood, R. & A. G., 4, Fore St.

HITCHIN

*Shilcock, James, F.S.I., Market Pl.

HODDESDON.

*Tregelles, J. A.

RICKMANSWORTH

*Gurney & Swannell

ST. ALBANS

Clarkson, J. (f*), & S. F. (*f), Bricket Rd.
+*Tarte, F. W. Kinneir, Chequer St.
*Woodman, T. Foster, F.S.I., St Peter's St.

TRING

Huckvale, William, White House

WARE

*Thorowgood, R. & A. G., The Old Town Hall

WATFORD

+*Ayres, Charles P., F.S.I., 14A, High St.
*Francis & Broad, 5, Station Rd.
*Pridmore, A. E., M.S.A., F.S.I., & Anderson, J. W. (a), 28, High St.
f Syme, William Henry, 4, High St.
*Williams, T., F.A.S.I., 107, Gladstone Rd.

HUNTINGDONSHIRE.

BRAMPTON

*Bird, John, F.S.I.

FENSTANTON.

*Bunting, George

ST. NEOT'S.

*Jackson, William, New St.

ISLE OF MAN.

RAMSEY

*Boyde, John T., The Mooragh
*Kay, Geo., Victoria Buildings, Parliament St

ISLE OF WIGHT.

COWES, WEST

*Tomkins, S. E., The Mount

FRESHWATER

*Morris, Hy., Standard Cottage

NEWPORT

*Haynes, Josiah E., C.E., M.S.E.
*Swane, E. A., C.E., Holyrood Chms
*Waterworth, F. W. B., 26, Upper St. James St.
*Way, Wm. C., 10, Carisbrooke Rd.

RYDE

Baugaton, G., Caen Cottage, St. John's Park
*Newman, Francis, F.S.I., & Cocks, F.S.I., 5, St. Thomas St.
*Wallis, Jas., 11, Spencer Rd

SANDOWN, R.S.O.

+*Newman, James, C.E., Surveyor to Local Board of Sandown), Thornton
*Tomkins, S. E., 22, Station Rd

SEAVIEW

*Cawa, Ed., L., M.S.I., Coronation
f*Salter, [illegible], "Pond well," near

SHANKLIN

*Colenutt, Lewis, 2, Bank Buildings, High St

VENTNOR

*Harvey, [illegible], C.E., Town Surveyor's Office, Grove Rd
a*Lavessy, John G., Pier St
*Mitchell, Charles, 1, Church St.
+*[illegible], F.S.I., C.E., Belgrave Chambers

KENT

ASHFORD.

Burrows, A. J., 41, Bank St.
+*Jeffrey, H. J., 26, North St.

BECKENHAM.

*Watkins, Ed., 42, Mackenzie Rd.

BROADSTAIRS, R.S.O.

*Clarke, Arthur H., Station Gate
*Langham & Cole, 2, Albion St.

BROMLEY.

+*Bushell, H., F.S.I., "Wynberg," South Hill Park
+*Mallett, W. R., F.S.I., 65, Tweedy Rd.
+Strudwick, Percy B., High St.

BROMPTON, NEW.

(a) Agutter, T. C., 2, York Terrace
*Hammond, E. J., 111, High St.
Margetts, W., Son & Co., Balmoral Rd.

CANTERBURY

*Bromley, Andrew, Cathedral Precincts
Campbell, A. H., C.E., 28, St Margaret's St., City Surveyor
*Stennings & Jennings, F.S.I., 4, St. Margaret's St

CHATHAM

*Betts, Edmund W., 81, Medway St.

DARTFORD.

*Pearce, G. E., A.S.I., 5A, Spital St. and The Laurels, Highfield Rd.

DEAL

*Fry & Gardener, Lower St
a*Wood, H. S., 24, Queen St.

DOVER

*Cresswell, A. M. I. [illegible] & Newman, 54, Castle St.
*Fry & Gardener, Cannon St
*Fry, Thos. Wickens, F.A.I., 23, Maison Dieu Rd
*Stennings & Jennings, (+) F.S.I., 6, Claremont Pl
*Worsfold & Hayward, F.S.I., Market [illegible]

EDEN BRIDGE

*Fox, W. S. & *Taylor

ERITH, S.O.

+*Egerton, William, [illegible]'s Rd

FAVERSHAM

*Adkins, Benjamin, Newton Rd
*Coe, W. J., "Coryton," Ospringe Rd.
*Pover, E., 54 & 55, Park Rd., Boro' Surveyor

FOLKESTONE

*Andrews & Harrison, F.I.A.S., 10, Guildhall St
*Pro[illegible], Andrew, Bouverie Chmbrs., [illegible]
*Gardner, Joseph, 2, Cheriton Pl.
f Garling, H. B., 25, Clifton Crescent
* Newman, F., 29, Alexandra Gdns.

GRAVESEND.

*Bennett, F. J., 24, Darnley Rd
*Cobham, C., F.S.I., A.S.I., The Shrubbery
Cobham, G. W., F.S.I., A.S.I., 1 and 3, Edwin St.
Nisbett, N. C. H. (a), Overcliffe
+*Smith, A. G., 1, Darnley St

HAWKHURST.

Edwards, L., Ferndale House

MAIDSTONE

f*Bensted, Hubert, 86, Week St.
f*Friend, G., 44, Earl St.
*Ruck, F. W. (County Surveyor), & Smith, A. W. (f), 86, Week St.
Wickings, J., 157, Upper Fant Rd

MARGATE

*Harris, Robt. A., 3, Cecil Sq
*Lane-Sear, William, Union Row
*Latham, A., M.I.C.E., F.S.I., Boro' Engineer & Surveyor, 15, Cecil Sq
Mercer, W. J., 12, Marine Ter.
*Reeve, Charles J., Grosvenor Pl.
*Reeve, Robt. Dalby, 18, Cecil Sq

NORTHFLEET

*Walford, J. T., River View

OLD CHARLTON, S.O

*Laslett, T. N., 19, Maryon Rd.
+*Rowland, J. (District Surveyor), Boards' Office, Charlton Village

ORPINGTON, R.S.O.

*Billings, F., Manor Estate Office
a*Harris, George, St. Pierre

PLUMSTEAD

*Batterbury, T., 156, Burrage Rd.
*Luntley, H., 120, Herbert Rd.

RAMSGATE

*Hinds (F.S.I.) & Son, 67, Queen St.
*Langham & Cole, 70, High St.
*Pite, A. R., Effingham St.
*Smith, Chas. H., 4, Chatham St.
*[illegible], W. T., [illegible], Ellington Rd

ROCHESTER

+*Bond, G. E., Victoria Bldgs
*Drake & Boucher, 115, High St
*Nash, J. W. (+), & Son, Medway Ter.

ST MARY CRAY

*Billings, Frederick, "Southernhay

SEVENOAKS

*Crenk, Edwyn E., F.S.I., High St.
aGordon, T., Court Lodge

SITTINGBOURNE

+*Grant, W. L., High St.

SWANLEY

Brown, Colville, The Horticultural Cottage

TONBRIDGE

*Fox, W. S., & Taylor
aWadmore, B., F.S.I., 97A, High St.

TUNBRIDGE WELLS

*Caley, H. M., Broadway Chmbrs.
*Cronk, H. H., & E., 4, Mount Ephraim Rd
*Weeks, James, Bedford Ter

WESTGATE-ON-SEA.

*Lane-Sear, William

WOOLWICH

*Church, H. Hudson, William St.
*Cook, J. [illegible], Manor Rd
+*Habershon, A. Eustace (+), 29 and 30, Green's End
*Luntley, H., 3, Thomas St.
*Whincop, Walter, William St.

LANCASHIRE

ACCRINGTON

*Grimshaw, H. S., Bank Chmbrs.
*Haywood (a) & Harrison (+), Commercial Chmbrs
*Turner, Jonas, 368, Blackburn Rd

ASHTON-UNDER-LYNE

+*Burton, J. H., Warrington St.
f*Eaton, John, Bank Chmbrs., Stamford St.
George T., & Son, Old Sq
Lindley, Thomas D., Henry Sq

ATHERTON

*Whitehead, C L., C.E., 144, Market St.

BACUP.

*Hitchen, Son & Lancaster, 15, Union St.

BARROW-IN-FURNESS

Butler, John, 12, Cornwallis St
Harrison, J., 4, Cornwallis St
McIntosh, J. Y., 6, Cornwallis St
*Settle & Farmer, 16, Cornwallis St

BLACKBURN.

*Aspinall, James, 2, Victoria St.
*Bertwistle, Jas., F.S.I., 3, Tacketts St.
*Briggs, Edwd. Percy, 5, New Market Chmbrs.
*Bury, F P., 5, Lord St., West
Cheers & Smith, 24, Richmond Ter
*Crook, T C M., Old Cross Chmbs., King William St.
*Duerdon, T. H., Victoria St.
*McCall & Robinson, F.S.I., 9, Tacketts St.
*Maxwell, T C., Bank Chmbrs., Lord St., W.
*Sames & Green, 65, Northgate
*[illegible] H[illegible]ward, [illegible]
*Shorrock, J. W., 3, Simmons St.
*Simpson & Duckworth, Richmond Chmbrs
*Stirrup, W., 14, Richmond Ter
*Stones† (f), & Gradwell†, F.S.I., 1, Richmond Ter
*Wilkinson, W. W., 22, Richmond Ter.
*Wolstenholme, J., 543, Victoria St.
*Yates, John, 3, Tacketts St.

BLACKLEY.

*Sankey, Joseph G., Moston Lane
*Thorp, J., Higher Blackley

BLACKPOOL

Cardwell, W., 46, Whitegate Lane
*Garlick & Sykes, M.I.C.E., 51, [illegible] St.
*Gorst, R., & Son, 7, Birley St
*M[illegible] T B[illegible] [illegible]mers, Lytham St.
f*Myres, Veevers & Myres, Birley St.
*Nuttall, John A., 5, Clifton St.
*Shepperd, P H S, County Chmbrs, [illegible]
*Th[illegible] B., Mas[illegible] [illegible] Waterloo Rd., South Shore
*Todd, J. T., County Chmbrs., Abingdon St.
*Wade, [illegible] Tu[illegible]
a*Wa[illegible] John, Bri[illegible] South Shore
*Worthington, T. P., [illegible] L., 18, Waterloo Rd., South Shore

BOLTON.

Best, W[illegible] [illegible] "The Albany," 21, Mawdsley St
[illegible] W., & [illegible] St
[illegible] & Pilling (f), 37, Mawdsley St.
f*Freeman, R Knill, 17, Wood St.
*Gorton, Harry J., Court Chmbrs., 15, Mawdsley St.
*Green, D F., "The Albany," 21, Mawdsley St
Greenhalgh, Thaddeus, 12, Nelson Sq.
*Haworth, W R., Court Chmbrs., 15, Mawdsley St.
*Hinnell, L., & Murphy, Court Chmbrs., Mawdsley St
*Lathwaite, V W., C.E., Post Office Chmbrs., Bradshawgate
*Lomax & Lomax, C.E., 11, Fold St.
*Morley, W. J., Albany Chmbrs., 21, Mawdsley St.
*Morris, J., & Son., 13, Mawdsley St.
Ormrod, T., 62, Town Hall Sq
*Proctor, J. H., Borough Chmbrs., 10, Rushton St
†*R[illegible]
*S[illegible] Chmbrs
S[illegible], 104, Lytham Rd
*Steel & M[illegible]

*Temperley, Geo., 8, Bradford Bldgs., Mawdsley St.
*Thompson, Frank K., "The Albany," 21, Mawdsley St.
*Tonge, J., C.E., F.G.S., "The Albany," 21, Mawdsley St.
Tong, M. W., 23, Acresfield
Woodhouse & Potts, 78, St. George's Rd.

BOOTLE.

*Clemmey, W. H., A.M.I.C.E., 39, Trinity Rd.

BURNLEY.

*Bell, Thomas, 14, Grimshawe St
*Dent, Wm., Hargreaves St.
†*Dunkerley, Victor, Bank Chmbrs., Hargreaves St.
*Hitchon, Son, & Lancaster, 48, Manchester Rd
*Holt, Thomas, 59, Colne Rd.
*Jobling, Hy., & Son, 91, Rectory Rd.
*Keighley, Samuel, Nicholas St.
*Nutter, Abraham, 23, Nicholas St
*Parsons, Charles, 8, Grimshawe St.
*Waddington, William, & Son, 5, Grimshawe St
*Watson, Matthew, 7, Hargreaves St

BURY.

*Grundy, Robert, 1, Old Market Pl
*Halliwell, Peter T., A.M.S.A., Castle Chmbrs., Market Pl.
*Hardman, David, Silver St
*Hopkinson, Alfred, A.M.I.C.E., F.S.I., 15, Augur St.
*Nuttall, Thomas, C.E., F.S.I., 12, Market St.
*Openshaw, Charles H., C.E., Derby Chmbrs., 6, Fleet St.
*Roberts, Samuel, 20, Fleet St.
*Sellers, J., Union Chmbrs.
Simpkin, Edmund, M[illegible] Architect, 9, Spring St
Wood, Joseph H., Castle Chmbrs., Market St.

CASTLETON.

*Chadwick, A.

CHORLEY.

*Dinsley, W H., 20, High St.
*Hopkinson, Jos., 102, Park Rd.
*Jolley & Buckley, High St
*Leigh, Wm., A.M.I.C.E., Borough Surveyor, Willow Bank

[illegible]

Stirrup, W., Local Board Offices

CL[illegible] S[illegible]

Knowles, E., 35, Queen St.

CLITHEROE

†a*Wardle-Bulcock, J., 8, York St.

COLNE

*Atkinson, William H., Bank Chmbs.
*Holgate, Hy., Lloyd's Chmbrs., Market St.
*Varley, John, 69, Albert Rd.

CROSTON, *Preston.*

*Chadwick, Hugh W., Town Rd.

DARWEN.

*Sames & Green, 25, Railway Rd.
*Thornley, J. B., 45, Market St.
*Woods & Thackeray, Albert Bldgs., Market Sq.

EARLESTOWN

Beesley, Thomas, 2, Bridge St.
*Brierley, R., Town Hall

FAILSWORTH

Lomax & Lomax, 1, Sisson St., Manchester Rd.
Stott, Henry, 2, Brown St.

FLEETWOOD

Andrew, E. J., 6, Albert Sq.

FORMBY

*Sutton, J. H. Havelock, Piercefield Rd.

GREAT HARWOOD.

*Knowles, E., 25, Queen St.

HASLINGDEN

*Booth, John, 58, Manchester Rd
*Fielding, Hy., 56, Manchester Rd.
*Hindle, Arthur, 13, Blackburn Rd
*Whittaker, John, 20, Well Bank

HEYSHAM

Charnley, Rowland, 78, Church St. and Sandlands

HEYWOOD.

*Hammond, George A., 5, Church St.
*Mills, James Edward, 25, Market Pl.

HORWICH, *near* BOLTON

†*Palmer, F. Morton, 1, Lee Lane

LANCASTER

Austin & Pa[illegible], Castle Park
a*Dawson, E. H., 14, Market St.
*Harrison, Hall, & Moore, 73, Church St.
Lawson & Roper, A.M.I.C.E., F.S.I., Market Sq
*Lewis, N G., Common Garden St
*†Parkinson, J., 67, Church St.
*Thompson, C. F., The Arcade

LEIGH

*Banks, Fairclough, & Stephen, Church St.
*Prestwich, James C., Church St.

LITTLEBOROUGH

*Blacka, John R., Church St.
*S[illegible] F. H., A.M.I.C.E., Bridge End

LIVERPOOL

*Abbey, Harold, 70, Victoria St.
Aldridge (f) & Deacon, Central Bldgs., North John St
*Allender, G F., 7, Cobham's Bldgs., 53, Lord St.
*[illegible] ance Bldgs., 36, Dale St
Atkinson, Chas A., C.E., Orange Court, 25A, Castle St.
*Banner, E H., Harrington Chmbs., 26, North John St.
*Bare, F B., Central Bldgs., North John St.
Beckwith, H. L., F.S.I., Bank Chmbrs., 3, Cook St.
*B[illegible] T. M., A.M.I.C.E., 19, Castle St.
*Bradbury, George, 14, Cook St.
*Burroughs, J & A., Westminster Chmbrs., 1, Crosshall St.
*C[illegible] W[illegible] South Castle St.
*Clarke, T C., Briggs, & Wolstenholme, 3, Lord St.
f*Clarke, John, C.E., 19, Castle St.
*Cook, T (f), & Son, 12, St. George's Crescent
*Cox & Marmon, Queen Insurance Bldgs., 7, Sweeting St.
Crofts, James N., 5, Harrington St
Culshaw & Sons, Union Court
*Dod, James, 916, Exchange Bldgs.
Doyle, James F., Wason Bldgs., 4, Harrington St
*Duckworth & Medcalf, Angleton Chmbrs., 7, Moorfields
Eddy, T. C., A.M[illegible] Chmbrs., 30, North John St.
*Ellison, C O[illegible], & Son (†), 22, Sir Thomas's St.
*Fogg, Thomas, 70, Victoria St.
*F[illegible], H., & A P., 18, Hackins Hey
Gibson, John H. S., 72, Aubrey St
*Grayson (f) & Ould, Pacific Bldgs., 31, James St.
Haigh, T. W., care of Grayson & Ould, 31, James St
f E[illegible] M.S.I., Central Bldgs., North John St.
*Hay, W & J., Delta Chmbrs., 15, Cable St
Hesketh, W., Whitworth Chmbrs., 8A, Lord St.
*H[illegible] Westminster [illegible], 1, Crosshall St.
*Hornblower, L., & Son, 18, Baltic [illegible]
*Horrocks & Williams, 70, Victoria St.
*Howorth, D., & Son, Church Bldgs., 2, Whitechapel
*Hulme, Fredk., 20, North John St
Jee, J D., Central Chmbrs., South Castle St
*Jones, John E., & Co., Central Bldgs., North John St.
*Keef, Herbert W., Bank Bldgs., 60, Castle St
f*Kirby, E., F.S.I., Union Bldgs., 5, Cook St.
*Law, W M., Gresham Bldgs., 101, Dale St.
*Lyon, D., 34B, Leith Offices, Moorfields
f Matear, Huon A., 6, Stanley St.
a*May, Harry, 24, North John St.
Meacock, Edward, 5, Clayton Sq.
*Mercer, T & Son, Prudential Assurance Bldgs., 36, Dale St.
*Moore, F., 3, Cook St.
Murray, T. E., 19, Rudgrave Place, Egremont
*N[illegible] J. H[illegible] North John St[illegible]
*O Byrne, James, 2, Percy Bldgs., Eberle St.
*Owens, R., & Son, 21, Westminster Chmbrs, Crosshall St
*P[illegible] & R[illegible] North John St.
f*Parslow W[illegible]
*Peat, F. H., Hampden Bldgs., 11, South Castle St.
*Rainforth, A., 13, Hatherley St.
f*Reade, T. M[illegible]
*Pound, James, 17, [illegible] St.
*R[illegible], R., & Son, [illegible] St., Everton
*Shallcross, T. Myddelton, 25, Lord St.
Simpson, F. M., University College
*Sinnott, Sinnott, & Powell, 13, Harrington St.
*Solanm Bros., Imperial Chmbrs., 62, Dale St.
Summers, Hy., Central Bldgs., 41, North John St.
*Sutton, J. H. Havelock, 101, Dale St
*Sykes, R. G., 17, Sweeting St
†Thomas, Walter W., 25, Lord St.
Troughton & Prescott, 13, North John St.
*Wainwright, T. (F.S.I.), & Sons, [illegible] Leigh St.
*Walker & Strong, 30, Queen Bldgs., [illegible] Dale St.
Walker, T H. W., Central Bldgs., North John St.
*Ware & Rathbone, 6, The Temple, Dale St.
Weightman, W. H., & Son, 24, Fenwick St.
Wilkinson, G H., 18, South John St
*Williams, L.O., Imperial Bldgs., 70, Victoria St.
*Williams, O., & Sutcliffe, 10, Victoria St.
Willink, M. A. (a), & Thicknesse, P., 14, Castle St.
*Wise, Chas., Granite Bldgs., 6, Stanley St.
*Woolfall & Eccles, 60, Castle St.
*Wrennal, W., C.E., F.S.I., 9, Harrington St.
*Wright & Naylor, 61, Lord St.
Wylie, Robert, 6, Lord St.

LYTHAM

*Haywood (a), & Harrison (†),
*Webb, S. G., Crescent House

MANCHESTER.

*Aldred, W H., 131, Gt. Ancoats St
*Andrews, J. H., & Butterworth, Prudential Assurance Bldgs., 78, King St.
Bairstow, J., 3, Bull's Head Chmbrs., Market P
Ball, William, Mount St.
Barker & Ellis, 20, Cooper St
f*Beaumont, J. W., 10, St. James' Sq
*Beck, Wm., Stafford Chmbrs, 14, Brown St.
Bindloss, F., Bindloss Chmbrs., 4, Chapel Walks
*Bird (a) & Wittenbury, Town Hall Bldgs., 74, King St.
*Booth & Chadwick (a), 28, Faulkner St.
*Bowden, John, 14, Ridgefield
a Broadbent, J B., 1, Princess St.
a Brooke, John, 18, Exchange St.
*Broughton, W A., 4, St. Anne's Sq
*Browne, Thomas, 48, Ward's Bldgs., Deansgate
[illegible], F.M.S.A., Grosvenor [illegible] Deansgate
*[illegible] & [illegible], 41, Chapel Walks

*Clegg, C[illegible] & Son F.M.S.A. 104, King St.
*Cook, Tom, F.M.S.A., 39, Victoria Bldgs., [illegible] St.
+*Coulson, C. J., 102, Duke St., Brooks's Ba
*Crowcroft, Samuel, 2, Cooper St.
*Cunliffe, T. H., Dalton Chmbrs., 2, John Dalton St.
Darbyshire, A. (f) (F.S.A.), & Smith, F. B. (F.M.S.A.), 17, Brazenose St.
*Davidson, Samuel D., 11, Peter St.
a Davies-Colley, Alfred H., 60, [illegible] St.
Deakin, Wm., York Chmbrs., [illegible] Brazenose St.
*Deighton, W. A., 41, John Dalton St.
Dixon, F. W., Guardian Bldgs., Cross St.
a Earnshaw, J. R., 4, Chapel Walks
Edwards, F., St. Anne's Sq.
f Ely, John, 82, King St., West
a*Fairhurst, H. S., 7, Chapel Walks
*Fitton, T. A., 32, St. An[illegible] St.
*Goldsmith & Son, [illegible] St.
*Gunson, W. T., & Son, 10, Marsden St.
*Hacking, N. H., Derby Chmbrs., 56, Blackfriars
a Harker, J. Dent, 78, King St.
*Hawxby, Fredk. R., [illegible] St.
*Heathcote (f) & Rawe, 6, Princess St.
Higginbottom, Walter (f) & George, 82, St. Anne St.
Hill, Oswald C., 9, Albert Sq.
f*Holden, John, F.S.I., F.M.S.A., 61, Cross St.
*Horton (f) & Bridgeford, Temple Chmbrs., Brazenose St.
H[illegible] Range Rd., Alexandra Park
*Ingham, C. S., 3, Ward's Bldgs., Deansgate
*Jackson, Richard, 45, Ward's Bldgs., and 49, Deansgate
Johnson, William, 27, Oldham Rd., Miles Platting
*[illegible]key, Henry, 134, Deansgate
Langham, John, 9, Albert Sq.
*Leeson, E. W., 49, Princess St.
*Lodge, Percy D., 5, Cross St.
f*Lord, Henry, 42, John Dalton St.
Mackenzie, Chas., 7, Bridson St., Eccles New Rd., Weaste, near
Maddock, J. W., 5, John Dalton St.
Magnall & Littlewood (f), 27, Brown St.
*Ma[illegible] York St., Lower Broughton
*Mason, Richards, & Swainson, York Bldgs., 33, Mosley St.
*Maxwell & Tuke, F.S.I., 41, Corporation St.
Maybury, John H., 25, Booth St., Mosley St.
*Maycock, Charles John, Oxford Chmbrs., 9, Oxford St.
*Mayor, T., 41, John Dalton St.
*Mee, Frank W., 100, King St.
*Mills & Murgatroyd, 23, Strutt St.
a*Mould, James Diggle, Joint Stock Bank Chmbrs., 77, King St.
a*Muirhead, Thos., Burn's Chmbrs., 31, Market St.
a+Newby, Thos., 31, Market St.
*Nodal, Jos., 61, Barton Arcade, Deansgate
Ogden, William Sharp, Whitehall Chmbrs., 3, Spring Gardens
a Ogden, Herbert, 14, Brown St.
f Ogden, Paul, 60, King St.
f Oldham, F. H., 23, King St.
Oldham, Roger, Brookside, Brooklands (near)
a*Owen, William, 134, Deansgate
Popplewell, Frank, 87, Mosley St.
*Potts (f), Son (a), & Hennings, 34, Victoria Chmbrs.
Preston (a+) & Vaughan, Diocesan Chmbrs., 61, South King St.
*Price, Henry R., F.M.S.A., 1 & 5, South Corridor, Royal Exchange
*Raby, William & Son, 78, Cross St.
f Redford, James, 1, Princess St.
*Royal (f) & Bennett (f), 17, Cooper St.
Salomons (f) & Steinthal, 31, South King St.
Sankey, J. Gibbons, M.A., 104, King St.
Sen[illegible]d, Arthur, Hanging Bridge Chmbrs., Cathedral Yard
S[illegible] Bldgs., 15, Cross St.
*Sharp, W. R.[illegible]
f*Smith, Frederick B., 17, Brazenose St.
[illegible]
Stevens, James, 39, Mosley St.
Stott & Sons, 60, Haworth Bldgs., 5, Cross St.
Stott, Adam, 7, Exchange St.
*+Swarbrick, Joseph, F.M.S.A., A.M.I.C.E., Temple Chmbrs., 33, Brazenose St.
Taylor, J. Medland, [illegible] St. Anne's [illegible]
*Thomson, E. J., & Son, 19, D[illegible]son St.
W[illegible], Mansfield Chmbrs., St. Anne's Sq.
a*Ward, W. H. M., 53, Oxford St.
W[illegible] & [illegible], Oxford Chmbrs.
[illegible] & Whittaker, [illegible] Albert Sq.
*Wood [illegible]
W[illegible]house (f) & Willoughby (f), [illegible] King St.
*Worthington, Edward N., 41, John Dalton St.
a Wynne, John, 2, Cooper St.

MIDDLETON

*Fitton, Thomas A., Long St.
a Wood, Edgar, Sheffield St.

M[illegible]

Dixon, Joseph, 24, Morecambe St.

NELSON

*Bell, Thomas, Arcade Chmbrs.
*[illegible]
*[illegible] Manchester Rd.
*H[illegible]
*[illegible]ess, J. T., Station Bldgs.
*Walmsley, Thos., 8, Dial St.

OLDHAM

Ashton, S., Greaves St.
Cheetham, Harold, 89, Union St.
Clegg, James, 24, Clegg St.
Dixon, F. W., 52, Union St.
Dransfield, Reuben, 71, George St.
*Fir[illegible] John W., Clegg St.
[illegible] Waterloo St.
*[illegible]
*[illegible] & Son, [illegible] Clegg St.
*[illegible] Chambers, [illegible] St.
*Taylor, T[illegible], 27, Queen St.
*W[illegible] & [illegible], 1, Ascroft St.
*W[illegible] & W[illegible], Clegg St.
*W[illegible] Chmbrs., Union St.
*Wrigley, T. R., 9, Clegg St.

ORMSKIRK

*Beeston, Charles S., Albany Bldgs.
*Rimmer, Harry, Wigan Rd.
Sephton, Luke, Moor St.

ORRELL, Wigan.

Reddy, Samuel, C.E., M.R.I.A.I., Greenbank Villa

PADIHAM

+Dunkerley, Victor, 51A, Burnley Rd.

PRESTON

*Andrew, E[illegible], 53, Lune St.
*Bush, Edwin, C.E., 42, Fishergate
Dixon, F. E., C.E., F.S.I., Bank Chmbrs., Fishergate
*Garlick & Sykes, M.I.C.E., 33, Winckley Sq.
*Gilbertson, W. P., 9, Winckley St.
*Harding, Joseph, C.E., F.S.I., 49, Lune St.
*Hibbert, James, 22, Guildhall St.
*Longworth & Gardner, 12, Chapel St.
*M[illegible]ford, W. D. T., 33, Guildhall St.
*Myres (f), Veevers, & Myres, 15, Chapel St.
*N[illegible], Thos., F.S.I., 41, Fishergate
[illegible] F.S.I., 18, Winckley St.
[illegible]
*Swainsons & Haweltine, 50, Lune St.
*Weaver, T. W., 21, Guildhall St.

RADCLIFFE

*Barton, J. H., W[illegible] Chmbrs., 4, Blackburn St.
*Sellers, Jas., Stand Lane

[illegible]

*Garnett, J., 2a, Silver St.
*Nuttall, Thomas, 50, Bolton St.
*Smith, Arthur W., Springfield

ROCHDALE

*Butterworth, S., & Duncan, 4, South Parade
Hammond, Geo. A., 34, King St., South
*Smith & Cross, Town Hall Chmbrs., South Parade
*Whitaker, James & [illegible], 4, [illegible] Parade

ST. ANNE'S-ON-THE-SEA

Stott, John, 38, St. Andrew's Rd., South
*Thornley, John B.
*Wade, H.
a*Wardle Bulcock, John, 69, St. Andrew's Rd., South

ST. HELEN'S

*[illegible] Peregrine, F.I.A.S., Stanley House, near
Biram, Frank S., Windle Chmbrs., [illegible]
[illegible] Hall St.
Grundy, W. Wallace, 1, Vincent St.

SOUTHPORT

Atkinson, Chas. A., C.E., [illegible]
Finchett, Fred. W., London Chmbrs., 36, London St.
*Hodge, T. H., 22, Chapel St.
*Ingham, C. S., Bank Bldgs., Eastbank St.
*[illegible]
*Jones, H., 16, Cambridge Arcade
Packer, Goodwin S., Shaftesbury Bldgs., East Bank St.
*Peach, Henry Edwd., 37, Chapel St.

TODMORDEN

*Blacka, J. R., 15, Garden St.
f Horsfall, J., F.M.S.A., Bridge St.
*Mitchell, T. H., 52, Wellington Rd.
*Sutcliffe, J., 6, Roomfield [illegible]

TONGE, near BOLTON

*Ward, J., 227, Tonge Moor Rd.

TURTON, BOLTON

*Park[illegible], James, A.M.I.C.E., [illegible]

ULVERSTON

Grundy, J. W., & Sons, Central [illegible]
*Settle & Farmer, County Sq.

UPPER MILL, via OLDHAM

*Lawton, J., St. Chads

WARRINGTON

Beesley, Thomas, 23, Bold St.
*Curran, R., Market Gate Chmbrs.
*[illegible] & Warburton, 11, Lyme St., Chmbrs.
f*Owen, W., 4, Cairo St. Chmbrs.
*[illegible] & Fraser, [illegible] St. [illegible]
*Walker, William, 9, King St.
*Wright, John E., 45, Sankey St.

WATERLOO, Liverpool.

*Kissack, Thos., 23, Wellington St.

WEST HOUGHTON

*Hopwood, John, 230, Church St.
Snudell, A. E., 204, Church St.
*Tonge, Jas., C.E., F.G.S., Church St.

WIDNES

*Pierpoint & Fraser, Ditton Rd. Chmbrs.

WIGAN

a*Crompton, W. E. V., Moot Hall Chmbrs., Wallgate
*Fleming, Robt., 31, King St.
*Halliwell, Peter T., A.M.S.A., 22, Rodney St.
*Heaton (+) & Ralph, Victoria Bldgs., King St.
*Johnson, W. B., & Son, Commercial Bldgs., 31, King St.
+*Johnson, Richardson T., 57, Darlington St.
*Pennington, R., Clarence Chmbrs.
Thornley, J. B., Powell's Chmbrs.

LEICESTERSHIRE

ASHBY DE LA ZOUCH

*Greenwood, A. J.

COALVILLE

*Hampson, W. T., F.S.I., M.S.I.

HINCKLEY

*Ball, J. A., 20, Spring Gardens
*Maltby, F. A., Castle St.

LEICESTER

*Baker, Charles, 18, Friar Lane
Bankart, G. P., Imperial Bldgs., Halford St.
*Blackwell & Thomson, 4 & 5, Halford Chmbrs., Halford St.
Bowman, Thomas Tagett, 8, New St.
Burgess, Edward, Berridge St.
*Cowdell, W. M., Grey Friars Chmbrs., 4, Grey Friars
*Dukin, R. W., Halford [illegible]
*Day, John, 8, John St.
Dr[illegible] F.S.I., Diocesan Surveyor [illegible]
*Everard & Pick, 6, Millstone Lane
F[illegible]
Goddard, J. (f), (F.S.I.), Paget, A[illegible], Market St.
Goodacre, R. J. (f), & J. (f), 5, Friar Lane
*Harding & Topott, 15, Hotel St.
f*Harrison, S., [illegible], St. Martin's East
a*Hind, A. H., 3, Grey Friars
*Judd, H. Stockton, 15, Hotel St.
Keites & Fosbrooke, Market St.
a*Kempson, Chas., A.M.I.C.E., Corporation Bldgs.
*Miles & Beasley, F.S.I., P.A.S.I., 37, Friar Lane
*Ogden, Cec., C.E., 4, Welford Pl.
*Pettifor, T. W., Berridge St. Chmbrs., Berridge St.
f*Redfern, F., 26, Millstone Lane
*Roberts (+) & Simpson, 1, Welford [illegible]
*Seale, Frank, 3½, Belvoir St.
*Simpson, A.M.I.C.E., & Harvey, Alliance Chmbrs., Horsefair St.
*Smith, J., Briton St., Narborough Rd.
*Smith, James F., 19, Cank St.
*Smith, William B., 7, Friar Lane
*Stephens, R. J., C.E., 34, Belvoir St.
+Tait, James, 28, Friar Lane
Tite, John G., 9, Waterloo St.
Turner, Edward, Bank Bldgs., Gallowtree Gate
*Wakerley, Arthur, 14, Market Pl.
Wigg, John, 1, Berridge St.

LOUGHBOROUGH

*Barrowcliff, G. H., A.M.I.C.E., Mill St.
*Hodson, C., M.I.[illegible]E., F.G.S., F.S.I., & F. W., Bank Chmbrs.

MELTON MOWBRAY

*Jeeves, E., Nottingham St.
*Sherbourn, E., 8, Nottingham St.

QUORNDON, near Loughborough.

*Ingletant, W. H., C E.

WOODVILLE, Burton-on-Trent.

*Greenwood, A. J , High St.
*Rowley, James W.

LINCOLNSHIRE.

BOSTON

Rowell, Jas.

BOURN.

*Shilcock, Frederick G , West St.

GAINSBOROUGH

*Green, E. F , 24, Silver St.

GRANTHAM.

+*Smith, Chas. Wm., Market Place
a*Wood, A. Colpoys (Diocesan Surveyor), 6, Watergate

GREAT GRIMSBY.

*Robertson, R. A., 28, Osborne St.
Seaman, H., Victoria Chambers, Victoria St.
Skill, A. E , Macaulay Ter.

LINCOLN

*Cooper, J H., Lindum Rd.
*Goddard, H , & Son, City Chmbrs., High St.
*Mortimer, W., & Son, Unity Sq.
a Scorer, W , Bank St Chambs.
*Thropp, J., M.I.C E., 29, Broadgate (County Surveyor).
f*W[illegible] W ,St Edmund's Chmbs., Silver St.

[illegible]TH

*Fowler, R. H., Gospelgate

SCUNTHORPE (Doncaster).

*Lockwood, R. D

SLEAFORD.

*Benstead, J. R., 35, Westgate
*Kirk, C., M.A.
*Kirk, Herbert (County & Diocesan Surveyor)

SPALDING

Jepson, W., 11, St. Thomas' Rd.
*Mills, W H., 14, Upper Welland Terrace

SPILSBY.

*Butcher, J. E

STAMFORD.

+*Corby, J Boothroyd, F.S.I., 69, Scotgate
*Richardson, J., & Son, F.S.I., 15, Barn H[illegible]
a*Traylen, John C , 15, Broad St.
*Ward, T. J , 6, Ironmonger St.

MIDDLESEX.

BRENTFORD

a Ambler, L., 193, High St.
*Woodbridge, S., Jun., F.S.I., 210, High St

CHISWICK

f Adams, M. B , F.S.I., "Kirkcote," Woodstock Rd , Bedford Park
*Hume, J., 159, High St.
a*Peel, F W., 2, Priory Gardens, Bedford Park
f Saunders, G., Thames Bank Villa, The Ma[illegible]
*Stanham, G. G., Sen., "Glenthorn," Bolton Rd , Grove Park
*Stanham, G. G., Jun., "Burnie Brae," Grove Park Rd
*Tomlinson, R. C., Gunnersbury Railway Station
*Tyser, R., & Co., 380, High Rd.

EDMONTON

*Dobb, Henry W., Church St., Lower Edmonton

ENFIELD

*Bowyer, A (Great Eastern Chmbrs., Enfield Town
*Flowers, R. A., Bush Hill Park
a*Reeves, C. W., Woodley, West End [illegible]
f.Scott, W G., Harden House, Waverley Rd.
*Simmons, Wm., 36, Wellington Rd.

HAMPTON WICK.

*Elsam, R. T , Southcote, Cedar Rd.

HOUNSLOW HEATH

a Pennington, T. F., Tivoli House

ISLEWORTH

*Lean, G., Ashby, Somerset Lodge, North St.

SHEPPERTON.

a Ellis, T Mullett, Creek House

STAINES

a Collard, A. O., "Ferndale," Church St.
*Fitt, Ralph, C E., Town Hall
*Low, Ralph, High St.

STANMORE

Wilson, Wm

TOTTENHAM

*Blackbourn, C. E., 72, Springfield Rd
*Couchman, J. W., 7, Stanley Villas, Pembury Rd., and High Rd.
*Pinder, [illegible] Bridge House, South Tottenham
*Wilson, [illegible] High Rd.

T[illegible]

[illegible]hurchyard, [illegible] Heath Rd
f[illegible] F H [illegible] Surveyor, Cross [illegible]
Sergeant, W. S., Zion House

UXBRIDGE.

*Bolton, A. E., "Shawcroft," Hinton Rd
a*Eves, W L., F.S.I , 54, High St.
a*Heron, A. H , 153, High St

MONMOUTHSHIRE

ABERCARN, near NEWPORT.

*Rosser, George, Victoria Chmbrs.

ABERGAVENNY.

*Foster, Edwin, Woodstock House
+Johnson, E. A., St. Mary's Chmbs.
Spencer, J Jas., Western Villa, Western Rd

ABERTILLERY

*Michael, David J., C E., Old Post Office Bldgs

CHEPSTOW.

*Evill, Walter, Brynderwen (near

MONMOUTH

f.Powell, F A., F.S.I , Agincourt Sq.

NEWPORT

*Bates, F R., Arlington Chmbrs., 4, Commercial St.
*Fox, Chas. J , Metropolitan Bank Chmbrs.
*[illegible] W [illegible] Victoria Rd
*[illegible], Bank Chmbrs.
*Habershon & Fawckner, Queen's [illegible]
*H[illegible] W J [illegible] Dock St
*[illegible] E. A., 26, High St
*[illegible], Austin Friars [illegible]
M[illegible] Central Chmbrs
*Price, G , Gloucester Bank Chmbrs.
*Swash [illegible] & Bain, 3, Friars Chms.
*Watkins, A O., Son, & Alexander, 166, Dock St

PONTYPOOL

a Williams R , Osborne Chmbrs.

TREDEGAR

*Williams, W. S., 1 Elmwood

NORFOLK.

CROMER

*Skipper George J. (f), & F. W., F.A.I , Town Hall

DISS.

+*Butcher, Chas. E.

KING'S LYNN.

+*Colman, E. J , Market Pl.

NEW WALSOKEN

*Kerridge, J., & Sons, 102, Norwich Rd.

NORWICH

*Beck, C. S., 9, Grove St., West
f.Boardman, E., & Son, Queen St.
*Brown, C. J., Cathedral Offices, Lower Close
*Chambers Arthur J , St Giles' Plain
*Collins Arthur E , A M I C E. City Engineer Guildhall
a*Green, H J 31 Castle Meadow, (Diocesan Surveyor)
*Havers, Albert C., Bank Plain
Heffer, E. A., 12, Upper King St.
Howard, J. W., Victoria Chmbrs., Bank St.
+*Lacey A F (Diocesan Surveyor), 6, Upper King St
f.Pearce, T B , Upper King St.
*Skipper, G J (f), & F W , F A I., Opie St

SHERINGHAM.

*Havers, Albert C

WELLS

Plowman, John, High St.

YARMOUTH, GREAT.

*Arnott, H Dudley, High St., Gorleston
*Baker, C G , Town Hall Chmbrs.
*Bottle & Olley, 5, Queen St.
*Cockrill, W. B., Post Office, Gorleston
a*Hewitt, A S [illegible], Regent St.
+*Rivett, S 5, South Quay
a.Teasdel, J. E., A.M.I.C.E., Queen St.
*Waller, George, 3, Middlegate St.

NORTHAMPTONSHIRE

DAVENTRY

*Williams, J. B (Borough Surveyor), Moot Hall

HIGHAM FERRES.

*Packer, H H.

KETTERING

*Blackw[illegible] J [illegible] H[illegible] Rd
+*Cooper H A , 16, Market Place
*Gotch & Saunders, Bank Chmbrs.
*Norwood, Herbert, 87, Broadway

NORTHAMPTON.

*Dorman, C., 51, Abingdon St.
*Dyer, H H., 1, Sheep St.
a Holding, M. H., Exchange Bldgs.
*Hull, W., 12 & 14, St. Giles St.
*Ingman, J., & Shaw, 7, George Row
*Law, Edmund (f) (County Surveyor), & Harris (a), 1, St. Giles Sq
*Mander, J., Overstone Pk. (near
*Moseley & Anderson, Goodyear Chmbrs., Abington Sq
* Stevenson & Dorman (a), Derngate Chmbrs.

[illegible]

Buck, Richard S., Woodstone
*Ruddle, James Boroughbury
*Stallebrass, J G., North St.
a*Townsend, Henry M. (Diocesan Surveyor) Cross St.
*Walshaw, John Wm (Borough Surveyor), Guildhall

RUSHDEN

*Cooper, Henry A., High St.
*Preston, F E., High St.

WELLINGBOROUGH.

*Cutlan, John E., F S.I., Market Sq.
*Packer, H H , Silver St.
*Sharman & Archer, Croyland Abbey
Talbot-Brown (f) & Fisher, The Square

NORTHUMBERLAND.

ALNWICK

*Reavell, G., Junr., A.S.I., Narrowgate
*Wilson, M. Temple, A.S.I., 69, Narrowgate

AMBLE

*Turnbull, George Ilderton, Church St.

BERWICK ON TWEED

Cockburn, J., Junr., Castlegate
Gray, William, 2, Ivy Place
*Stevenson, J.

BLYTH

+f.Cackett, James T.
*Thompson, W E. L., 1, Turner St., Waterloo
Windle, Alfred A., 10, Waterloo Rd., Waterloo

CULLERCOATS

*Turnbull, George Ilderton, 28, Beverley Ter.

HEXHAM

*Wilson, Henry Edwin G., C.E.

LONG FRAMLINGTON.

Wardle, John

MORPETH

*Boolds & Hardy, 25, Bridge St.
*Reavell G , Junr A S.I , 57, Bridge St.

NEWCASTLE-ON-TYNE.

+*Anderson, T. Leslie, 4, Royal Arcade
Armstrong & Knowles, St. John's Chmbrs., 38, Grainger St , West
*Badenoch & [illegible] 2[illegible], Pilgrim St.
*Bedlington, William, 23, Eldon Sq.
Bell, William, Central Station, Neville St.
*Bowman, Edwin, 62, Grainger St.
+f.Cackett, J. T., 24, Grainger St., West
[illegible]rossling, T. E., 1, Percy Terrace
*Davidson & Bendle, 33, Grainger St., West
*Dunn & Hansom, 23, Eldon Sq
+*Dyson, J W , 67, Grey St.
+*Farthing, A. P , 21, Pilgrim St.
+ Fraser, J W., 9, Dean St.
*Glover William, 15, Market St.
*Hay, R. Laing, 58, Northumberland St.
*Hicks and Charlewood (a), 42, Grainger St.
*Hogg, James (+) & Son, 4, St. Mary's Place
*Hop[illegible] William, 6 Grey St.
[illegible] & [illegible]lison 3, Arcade
*Kerr [illegible] Walker, G A , 31 Westgate Road
K[illegible]son 145, [illegible] St
Lamb[illegible] 28, Clayton St., West
*Liddle & Browne 30, Collingwood St
[illegible] Scottish Chmbrs., 9, Grainger St West
*Mars[illegible] & Dick, 4 Northumberland St
Montgomery (a) & Carr, 2, St. Nicholas Bldgs.
f Newcombe, W. L., 89, Pilgrim St.
f*Nicholson, T C., F.S.I., 24, Grainger St., West
Oliver (f) & Leeson, Bank Chmbs., Mosley St.
f.Oswald, Joseph, 33, Mosley St.
*Parsons, J. C , 21, Grainger St., W.
+Piper, Stephen, County Chmbrs., 42, Westgate Rd.
*Plummer, A. B. (f), (Diocesan Surveyor for Newcastle), & Burrell, 13, Grey St.
*+Purser, Fredk. W., 26, Cheltenham Terr
*Reay, Thos., & Son Wellington Chmbrs, Pilgrim St.
a*[illegible], M 10[illegible] Northumberland St.
R[illegible] Square
[illegible] 5 Mosley St.
[illegible] E [illegible], Grainger St. W
f*Simpson, B F., 12, Grey St.
Spicer, Philip, Forth House
*Stockwell, A., 11, Pilgrim St.
f Taylor, J. W., F.S.I., 31, Westgate Rd
Thomas, Walter B., 11, Tenth Avenue, Heaton
*Thompson & Dunn, 5, St. Nicholas Bldgs
*Thompson, J. W., 48, Collingwood St.
*Walker, Charles, 59, Grey St.
*Wilson H E. G , C E., 34, Collingwood St

NORTH SHIELDS

*Gibson, H[illegible] Saville St
†*H[illegible]
*H[illegible]
*Irwin, B. R., Bedford St.
*Marshall [illegible] & Dick [illegible] Chmbrs [illegible]
*Shotton, [illegible] St

[illegible]

*Huntley, W. J., & Carlson

[illegible]

*Turnbull, George Ilderton

NOTTINGHAMSHIRE

ARNOLD.

*Higginbottom, W H
*Swift, John R., Front St.

[illegible]

*Bowley, [illegible] F S I.
Carter, [illegible], 4, Broad Gate

BULWELL

Carlin, Samuel George

[illegible] NOTTINGHAM.

†*Whitbread, R., A.S.I

EASTWOOD.

*Taylor, Samuel, F.S.I.

[illegible]

*Clarke, Edwin

MANSFIELD.

*Butterworth, J., 124, Stockwell Gate
*Dodsley, Wm., 14, Stockwell Gate
*Neal, Charles J., High Oakham
*[illegible], Augustus H., 45, Westgate
f*†Vallance, Robert Frank, F.S.I., White Hart Chmbrs.

MANSFIELD WOODHOUSE

*Cook, F P, A.M.I.C.E.

NEWARK.

*Brewill (f) & Bailey
*Sheppard George, (Boro' Surveyor, & Harrison, 17, Kirkgate

NOTTINGHAM.

†*Ball, Fredk., Castle Chmbrs., 6, Houndsgate
Berridge & Barnes, Brougham Chmbrs., Wheeler Gate
*Booker, W. & R. & F., 9, Short Hill Hollow Stone
*Brewill (f) & Bailey, Pelham Chmbrs., B., Angel Row
*Bright, L., 9, St. Peter's Ch. Walk
*Bromley, A. N., 3½, Weekday Cross
Clarke, Edwin, 16, Fletcher Gate
Clark, R. C., Tavistock Chmbrs., Market Place
*Doughty, Gilbert S., C E, Britannia Chmbrs., Pelham St.
*Evans (f) F S.I, & Son, Eldon Chmbrs, Wheeler Gate
*Fothergill, Watson, George St.
†*Gill, Harry, 3, Cobden Chmbrs., Pelham St
*Goodall, A H., Central Chmbrs., Market St
*Hardy, Richard, Thurland Chmbrs., Thurland St. (Brewers' Archt.)
*Harper, H., Tavistock Chmbrs., Market Place
*H[illegible] & Son, Bank Chmbrs., Market Place
*Hickson, W. O., 14, Pepper St.
*Higginbottom, W H., 5, King [illegible] Bridlesmithgate
f*[illegible]
H[illegible]
*Jackson & Hickson, 14, Pepper St.
Knight, W., 3A, Newcastle Chmbrs., Angel Row
*Marshall (a) & Turner, Couldon Place, Long Row
*aPrice, Hedley [illegible] Low [illegible]
aRadford, W H [illegible] M S I., Angel Row
*Stamp, J. A., Mansfield Rd
*Stephenson, S. R., 14, Burns St.
*S[illegible] Henry, Albert Chmbrs., Albert St.
*Sutton, Richard C., C E, Bromley House, Angel Row
*Sutton, Ernest, C E., Bromley House, Angel Row
*Taylor, S. F S.I., 1, Cobden Chmbrs., Pelham St
*Truman & Pratt, Couldon Place, Long Row East
*Walker, Herbt., F S.I., A M.I.C.E., [illegible] Angel Row
*Wright Thos., York Chmbrs., King St

NUTTALL

*Taylor, Samuel, F S I

[illegible]

a*Ogle, R., Bertram, Chapelgate

STAPLEFORD.

*Bowley, John F S.I

SUTTON-IN-ASHFIELD

*Adlington, John P., Low St.

WEST BRIDGEFORD.

*Allcock Harry, 7, Millicent Rd.
*Jackson, John, 32, Musters Rd.

WORKSOP

*Allsopp, John, A.M.I.C.E., 10, Sherwood Rd.

OXFORDSHIRE.

BANBURY

*Hopkins, Henry, 26, Southam Rd.
aMills, Walter Edward, 12, Horse Fair
*Timms, John, 35, South Parade

CAVERSHAM

*Smith, G. B., Priest Hill
*Wing, William, F S.I

CROWMARSH GIFFORD.

*Johns, Samuel C

[illegible]-ON-THAMES

*Dodd, James S

[illegible]

f Cotton, John, 6, St. John's Rd
f Drinkwater, Harry G W., 2, St. Michael's Chmbrs., Ship St.
*Gray, John C., Suffolk Villa, 5, [illegible]
Ha[illegible] Beaumont St
f Moore, Henry W., 6, Beaumont St.
*Quinton, H., 15, Magdalen St
*Radclyffe & Watson, 11, Ship St.
*Tollit, H. J (County Surveyor), 7, St. Aldate's St

WITNEY

*Seeley, W., Orchard House, West End

RUTLANDSHIRE.

UPPINGHAM

†*Corby, J Boothroyd, F.S.I.

SHROPSHIRE.

LUDLOW

Gray, Henry, Bell Lane
Scott, Thos C., Hopton Cangeford

OSWESTRY

*Bremner-Smith, E., C.E., Oswald Rd
f*Spaull, W. H. (Diocesan Surveyor), The Poplars

SHREWSBURY

*Deakin, A. B., & W Scott (†), 12A, Pride Hill
*Nurse, J., Doggpole
a*Oswell, A E Lloyd (Diocesan Surveyor), Dana Chmbrs
Withers, John R., St. Mary's Ct.

WHITCHURCH

Pickard, J H., Camden House
*Webb, Walter, High St.

SOMERSETSHIRE.

BATH

*Browne & Gill, 1, Fountain Bldgs.
Davis, Chas. E., 55, Pulteney St.
a*Goodridge, A. S., 7, Henrietta St.
a Green, Mowbray, A., 1, Fountain Bldgs.
*Matthews H W St. Michael's Chmbrs., Broad St
a Feton, A [illegible] St
*S[illegible] T [illegible] F S I., Octagon Chmbrs, Milsom St
*W[illegible] William J., 1, Belmont County Surveyor

BRIDGWATER

a*Cottam, A. Basil, Eastover

BURNHAM, R S O

*Leech, C. S., 24, Victoria St
*Palmer, J H
*Press W[illegible], Town Hall (Town Surveyor

CLEVEDON.

*Hoddell, Jas. & Co., Alexandra Rd
Middle, Charles R., Lindon Rd.

CREWKERNE

a Vialls, Geo.

FROME

*Brown, Wm G., 7, Weymouth Rd.
†*Long, A. F., 14, North Parade

GLASTONBURY

*Alves, G., Borough Surveyor), Norbins Villa, High St.
*Budd & Spare, High St.

HIGHBRIDGE.

*Leech, C S., Market St

MIDSOMER NORTON.

*Turner, C. & R., A.M.S.I.

SHEPTON MALLET

*Budd & Spare, 27, Peter St.
*Wainwrights & Heard, F.S.I.

STREET

*Reynolds, William, 46, High St.

TAUNTON

†*Crease, W H., 32, Bath Pl.
f*Samson, C.H. (Diocesan Surveyor), The Laurels
Spencer, J Houghton S, Hammett St
*Strawbridge, Geo. C., Alma St.
*Webber, George, 7, East Reach

WASHFORD, R.S

Pollard, Caleb

WELLINGTON.

*Howard, E T., The Ferns

WELLS

*Brown, Charles, Chamberlain St [illegible]
*H[illegible] & Sons, 12, Chamberlain St

WESTON-SUPER-MARE.

*Leech, C. S., Boulevard
[illegible] & Wooler, Waterloo St.
*Tucker, G H., 25, Arundel Cresnt
*Wilde, Sidney J., Boulevard Chmbrs.

YEOVIL

*Benson, C. & C. B., Hendford
a*Johnston, J N., 21, Princes St.
*Vining, Edward, 11, Hendford

STAFFORDSHIRE

[illegible]

Rowe, Richard J., The Crescent

[illegible]

*Shaw [illegible]

[illegible]

*Dain, R., & Son, 54, Liverpool Rd.
*Ford & Slater, Corporation St
*J[illegible] L., 190, Waterloo Rd
*Walley, William H., 11, Queen St., and 58, Nile S

[illegible]

Beck, Hy., 30, High St.
*[illegible]
*Churchill, Reginald, St. Paul's Sq.
*Stevenson, [illegible] Imperial Chmbrs., 95, High St.
*Underhill [illegible] F., 151, New St.

CRADLEY HEATH.

Butler, Albert T.

DARLASTON

*Farmer, H E., "Ivydene"
*Joynson, Bros., Butcroft

FORSBROOK

Maddock, Edwin L., Blyth Bridge

HANDSWORTH.

Grove, A., 122, Booth St.
f*Noyes, J [illegible], Heathfield Estate Office
*Smith, Geo. H., Groveley House, Holyhead Rd.

HANLEY.

*Bradford, G. W., Miles Bank Chmbrs.
*Brealey, John T., Piccadilly Bldgs.
*Dain, R., & Son, Victoria Chmbrs., Miles Bank
†*Jones, E., 10, Albion St.
*Maddock, E. L., Piccadilly
*Miller, A. P., Frederick St.
*Scrivener, R., & Sons, Howard Pl.
*Sugden, W., & Son, (f), Miles Bank Chmbrs.
Wood, A., Regent House, Regent Rd.

LEEK

*Brealey, John T., 1, Stockwell St.
*[illegible] James G [illegible] Edward St.
*Sugden, W & Son, (f), 13, Derby St

[illegible]

*Marks, L[illegible], St. Mary's Chmbrs.
Perry, Wm., 14, Bird St.

LONGTON

a*Beckett, J H
*[illegible], T P., 44A, Stafford St.
*Miller, A P., Boardman's Bldgs.
*Taylor (a), & Burgess, Portland Chmbrs.
*Tindal, Thos., 6, Caroline St.
*Wood, William

NEWCASTLE-under-LYME.

*Chapman & Snape, 5, Lad Lane
*Lewis, John, 9, Brunswick Sq.

RUDYARD

*Brealey, John T., "Holly Bank"

RUGELEY

*Rogers, W E., Anson St.

STAFFORD.

*Cheadle, Walter H., Eastgate St., (County Surveyor.
[illegible]

[illegible]

*Beardmore, J., The Old Bank
f*Lynam, Charles, F S.I., F.S.A., Wolfe St
*Penn, Edwin, Glebe St.

STONE

*Chapman, John J., Walton Ter.
*M[illegible]

TAMWORTH

*Newton, Thos. W F., & Cheatle, Victoria Chmbrs.

TIPTON

*Powell & Brown, 9, Owen St.

TUNSTALL

*Wood, A. R., Town Hall Bldgs.

WALSALL.

*Adshead, Peter, Victoria Bldgs., The Bridge
*Bailey (a) & McConnal (a), Imperial Bldgs., Bridge St.
*Best, N. E., Imperial Chmbrs., Bridge St
*E[illegible] Jonathan, 13, Bridge St.
*Hickton, J H. W., Bridge St.
†*Lavender, Henry E., Midland Chmbrs., The Bridge

WALSALL WOOD

Jones, R., Shelfield House, Shelfield

WEDNESBURY

*Farmer, H E., Russell St.
*Horton, Samuel, & Brown, 8, Springhead
*Joynson Bros., Springhead

WEDNESFIELD.

*Bate, Thomas, Wolverhampton Rd

WEST BROMWICH

*Allen, J W, 278, High St
*Hadderton, W & J A S, 200 High St.
*Holliday, Stephen J, 45, Lombard St
*Latham & Bosworth, 300, High St.
*Pincher, E, Victoria St.
*Wood & Kendrick 315, High St.

[illegible]

*Baker, B., Town Hall
*Davies & Law, 2, New Rd.

WOLVERHAMPTON

*Beck, Fred T., Wulfrun Chmbrs., Darlington St.
*Brevitt, A P, Devonshire Chmbrs., Lichfield St
*Eachus, S. H, Bank Bldgs, Lichfield St
*[illegible], 25, Darlington St.
f*[illegible] H., [illegible]
*Goddard, Harry, 58, Waterloo Rd. South
+*Johnson, Moses, 44, Queen St.
f*Lavender, Joseph, Bank Bldgs., Lichfield St.
*Lowry, F. A., Midland Chmbrs., Princess St.
*Manton, Chas, & Son, West Haddon House, Chapel Ash
*Mason, J., Victoria Chmbrs., Bilston St
*Pennington, St. Oswald, Leicester St.
*Richards & Sons, 44, Queen St.
*Shaw, C., Prince's Chmbrs., Prince's Sq
*Stanger & Stanger (f), A M I C E., M I M E., Queen's Chmbrs. North St
*Veall, J R, & Son, 84, Darlington St.
*Weller, John, 15, King St
Worrall, A. W., 22, Heath St., Heath Town

SUFFOLK.

ALDEBURGH-ON-SEA

*Woodcock & Son, Denmark House

BECCLES

+Banham, F. E., Grange Rd
*[illegible] Arthur F S I

BURY ST EDMUNDS

*Andrews, A, 5, Northgate St.
*Flatman, John, 58, Abbeygate St.

IPSWICH

a Binyon, Brightwen, 2 & 4, Prince's St. Chmbrs.
*Bisshopp, E F, 32, Museum St.
Brown, F, 1, Prince's St
*Corder, John Sherwell, Wimbourne House
+Cotman, Thomas William, 7, Northgate St.
*Eade, Wm. (f), and Johns E. Thos, Cornhill Chmbrs. Taort' face
+*Wright, Henry J., 4, Museum St.

LOWESTOFT

*Bigwood, H Pier Terrace
f*Clemence, J. L., 14, Marine Parade
+*Crosier, Chas, P.A.S.I., Masonic Hall
Manby, C., 59, St. John's Rd
Richards, F W., 14, Stanley St., Clapham Rd
*Roberts, W J., M.A.A., 124, London Rd.

STOWMARKET

+*Bishop, H. G, Market Place

SUDBURY

*Grimwood, Arthur, Church Walk

WICKHAM MARKET

Rope, E J., & Sirr, H., Little Glemham

SURREY.

CAMBERLEY

*Sadler & Baker, High St.

CARSHALTON.

*Crutchloe, Edward, High St.

[illegible]

E[illegible] & Ma[illegible]

CHERTSEY

*Smith, Arthur W, Eastworth Rd
Wesh, Charles, London St.

[illegible]

*Berney (a) & Son, 101, George St.
+*Bevan, W, 177, St. James' Rd
a*[illegible], Alfred 3, High St.
*[illegible]hart, Robt M., F.S.I., M.S.I., Union Bank Chmbrs
Clinton & Co., Brigstock Rd, New Thornton Heath
Crouch, W. F., "Ivy Bank," Selsdon Rd
a*Crowley, Reginald A., 105, George St
a Frisch, George, 12, Addiscombe Rd
Gough, H., 73, North End
*Hipwell, T, 11, Farquharson Rd
*Newman, Arthur H, "Lydford," 17, Bramley Hill
*Punnett, G, South Grove, Park Lane
Reilly, M. S, Edridge Rd.
*Ridge, Robert, 32, Katherine St.
Theobalds, W, 171, Selhurst Rd
Walters, H 83, Selhurst Rd
*West, Frederick 22, Coombe Rd.

DORKING

*Bergman & Benison, 76, South St.
*[illegible], Frederick, J, "Westfield"
*Shearburn, William J, South St

EGHAM.

*Oades, James W, Station Rd.

EPSOM

+*Harding J P, A M I C E, M S I, Ashley Rd
*Smith, Hatchard, The Terrace

FARNHAM

*Eggar, J. A., F.S.I., 10 & 11, West St.
*Stapley, Sidney, 23, West St.
a*Watson, Paxton H, 15, West St.
*Wells, Wm. J., 112, West St.

GODALMING.

+*Moon, H, 98, High St.
+*Welman, S., Church St.

GUILDFORD

*Cancellor & Hill (a), 61, High St.
*Lee, W W, 106, High St
Lower, W G. 12a, High St.
*Maltby, F T. Borough Surveyor, A M I C E.
*Peak, H, & Lunn, 86 High St
*Sturges, A. J., High St. Chmbrs
*Welman, S. (+), & (a Street, T J, 50, High St
*Wyvill-Thompson, H, 9, Sandfield Terr

HORLEY, S O.

*Burstow, Charles Henry, Station Rd.
*Kelsey & Head, Bonehurst

[illegible]

Meeson, Fredk, Woodham Rd

KINGSTON-ON-THAMES

a*Carter, Edward, 55, Clarence St.
*aHelsdon, Horace, A.S I, 21, St. James' Rd
*Horsfield, J N., F.S.I., 2, Grove La.
+*Lanchester, H, J., "Salvadore," [illegible]
*M[illegible] Surveyor's Office
*Phillips, Walter C., 49, King's Rd.
*P[illegible] M[illegible] House, 14, King's Rd

LINGFIELD, S.O.

*Taylor, Robert

MERTON.

a*Downing, H. P. Burke, F.S.I., "Avalon" Wilton Rd.
+Quarterman, H. G, Kingston Rd.

MITCHAM.

*Chart, R. M., F.S.I, M.S I., Vestry Hall

NORBITON

*Deane, W. H., F.S.I., "Belmont," Clifton Rd

REDHILL.

a*Hooper, T R., Station Entrance
a*Lambert, Horace, The Town Hall
*Rees, L. P, 53, Station Rd.

REIGATE.

*Baker & Penfold, High St.
Ohrly & Deane, Market Pl
*Pym, George E., Dood's Rd.

RICHMOND

+f*Brewer, F. J, F S I, 5, Hill Rise
*Carless, T J, Grosvenor Bldgs.

SURBITON

*f Dudley, F, "Oakcroft," King Charles Rd
+*Pearce, E Lane Berrylands

SUTTON.

*Burstow, Fredk G, 30, High St.
*[illegible]
a Cole, E Langton, Longbrigg
*Evitt, Fredk, 49, Haddon Rd.

THAMES DITTON.

f Style, A. J., Manor Rd.

WALLINGTON

*Pope, Henry, Belmont Rd.

WARLINGHAM

*King, J C.

WIMBLEDON.

a*Hewitt, W E, 28, Thornton Hill
*Hinds, R A., 36a, Hill Rd. & 105, Merton Rd
Og[illegible] F S I [illegible]
*[illegible] W[illegible]
a*Thompson, Robt J., Hill Rd.
*Walne, W, Amity Grove, Cottenham Park

WOKING.

a*Clamp, E, The Retreat
*Coaker, William
*Jones, Wm. G, 3, Broadway

YORK TOWN, Camberley

f Webb, Geo. W., Market Place Chmbrs

SUSSEX.

BEXHILL

*Alton, W. H, 22, Devonshire Rd.
f Awdry, G, Sea Rd
*[illegible]
*Hicks, A C. D., Sea Rd.
Homer, Ridley & Co., Sea Rd
*Tien, H, Haddocks Hill
*South, Sidney, A.S.I. 1, Station Sq., and Sea Rd., Little Common

BOGNOR.

a Guermonprez, H. L. F, 6, Albert St
*Smith, Arthur, Aston House

BRIGHTON

*Anthony, A. E, (A M.I.C.E.) & Dixon, H E, 35, East St
*Buckwell, T Herbert, Union Chmbrs, 162, North St
*Buckman C. H., 12, Prince Albert St
*Bullock, Chas., 8, North St
*[illegible] Ship St. Chmbrs
[illegible] Ship St. Chmbrs
*[illegible] & [illegible] N[illegible] St
+*Denman, Sam[illegible]
+*Garrett, T, 30, [illegible] and [illegible]
*German, Hector, 1 Duke St.
*Gibbins, J G, Molesworth House, Palace Pl., Castle Sq.
+*Hamilton, E J., 2, New Rd.
*Hewitt C E., 118, Queen's Rd.
*[illegible] & Son [illegible] North St
*Lo[illegible] Arthur, C E [illegible]
*May, F J C, Borough Engineer & Surveyor, Town Hall
*Nash, W. H, 43, Ship St., and 163, [illegible]
*Nunn & Hunt, 29, Queen's Rd.
N[illegible], Charles, 34, Duke St.
*Nye, George M., 62, Lansdown St., Hove
*Pannacott, W S., 37, Duke St.
Patenning, Edwd. Brady, 40, Rose Hill Ter
*Pollard, Robt. W, 108, Church St.
*Puttick, W., 6, Park Crescent
*Sawyer, Fredk. John, 110, St James' St., and 12, Sudeley St.
*Scott (a) & Cawthorne, 33, New Rd.
*Simpson, T., Son, 16, Ship St.
*Udney, A C., P.A.S I., 1, Selborne Rd, West Brighton
*Webb, Henderson, 152, North St.
Williams, W. F, 17, Middle St.
*Woodman, J., 39, Albany Villas, Cliftonville, & 2, New Rd., North St.
*Wren, C, & Co., 24, Duke St.

CHICHESTER

*Stringfellow, H W., (City Surveyor), [illegible]
*Vernon-Inkpen, G. C., F.S.I., 19, South St

CROWBOROUGH CROSS

*Teulon, Maurice B

EASTBOURNE

Chandler, —, 19, Brightland Rd
Cooke, F G., A.M.I.C.E., 5, Hyde Gardens
*[illegible]oster, James, Selwyn Cottage, Selwyn Rd.
*Crisford, C., 51, Gildredge Rd.
*Mitchell & Ford, 2, Langney Rd
*Oakden, A. A., 10, Cornfield Rd
f Spurrell, H, 24, Gildredge Rd.
*Stevenson & Arthur, 86, Terminus Rd
*Tomes, C. Warwick, 35, Bedford Grove, & 122, Terminus Rd.
Vinall, W, 20, Gildridge Rd
*Wallis & Wallis, 14, Seaside Rd.

EAST GRINSTEAD.

Chambers, Paul B
Matthews, H. E., High St.

HAILSHAM

*Mitchell, Oliver, Egerton Villa

HASTINGS

a*Colpoys, A A. G, 33, Havelock Rd.
*Cooper, F C., 135, Mount Pleasant Rd.
+*Cooper, Wm., 21, Havelock Rd
f*Gant, W J, 11, Havelock Rd
Grant & Slatter, 11, Havelock Rd
Hembrow, Robt., 186, Queen's Rd.
f*Humphreys, F. H 6, Trinity St.
*Jeffery & Skiller, 5, Havelock Rd.
f*Landsell, M J., 71, Cambridge Rd.
*Murray, W. H., & J. D., 28, Robertson St.
*Plowman, F & J., 35, Havelock Rd.
*Frumming, J., 46, St. Mary's Ter.
a*Ward, H., 8, Bank Bldgs.
f*Wells, Arthur, Queen's Chmbrs.

HAYWARD'S HEATH

*Holloway, Francis William

[illegible]

Buck, W, 60, West St.
*Burstow, C H., [illegible]
f Wheeler, [illegible], Carfax

[illegible]

*Fuller, E. B., 19, High St.

MIDHURST.

Buck, W, North St.
Othen, T L

ST LEONARDS.

*Elworthy, Thomas, 101, London Rd.
*Pigott, Chas. A., & Oxley Saxon Chmbrs
Price, Ivor Stuart, 50, London Rd.
f*Tree, Phillip, 59, London Rd.

STEYNING, R S O.

*Dalby, Charles, Bonnington House

WORTHING.

*Cooke, Alfred T , 17, Chapel Rd
Hyde, R. Singer, 23, Eriswell Rd.
*Land, Thomas P., Teville Rd.

WARWICKSHIRE.

BIRMINGHAM

*Adams, John W., 9, King's Rd., Hay Mills (near)
Aherne, W. de Lacey, 55, Colmore Row
a Andrews, F B , 102, Colmore Row
*Allen, H. Hugh, Swan Chmbrs., 115 Edmund St.
*Arkell, Daniel, 1, Temple Row West
Ball, Joseph L., Edmund St.
*Bassett, J., 17, Exchange Chmbrs., New St
*Bateman & Bateman, 81, Edmund St
*B[illegible], G (C.E.), 13, Upper Hagley Rd , Egbaston
*Bland John G., 14, Temple St.
Butcher M., 12, Cherry St.
Callett, C. H., Priory Rd , Moseley
*Clere A R.I.A., I. , & Buckland 81A, Edmund St.
*Cooke, Edward, Curzon Chmbrs., 27, Paradise St.
Corser, Benjamin, 59, Colmore Row
Cossins & Peacock, 83, Colmore Row
*Cotton & Bidlake, 57, Waterloo St.
*Cresswell, H., Grenville Chmbrs., Corporation St.
+*Cross, F. W. Franklin, 68, Temple Row
*Crouch & Butler, 7, Waterloo St.
Davis, John S., 18, Lime Grove, Dolobran Rd , Sparkbrook
*Dempster & Heaton, Grosvenor Chambers, Corporation St.
Dennis, W. Luke, West Chmbrs., Corporation St.
Dennison, Frederick, Church Rd , Erdington
Doubleday, Wm , 67, Colmore Row
Dunn, A. J., 22, Bristol Rd
a*Dunn, J. G., 44, Waterloo St.
*Edge, Charles A., 21, Bennett's Hill
*Edwards, Arthur, 9, Bennett's Hill
*Essex (f), Nichol (a), & Goodman, Newhall Chmbrs., 8, Newhall St.
*Faulkner, G. Repton, 102, Colmore Row
*Fletcher, John, 52, Inkerman St., Vauxhall
*Floyd, O., 3, Temple Row, West
*Foulkes, William T., Crown Bldgs., Dalton St
Gill, F. J., High St., Smethwick
*Greatrex, H. J , Corporation Chmbrs., 121, Colmore Row
*Grew, John A., Queen's Chmbrs., 88, Colmore Row
*Guest, Thomas, Cobden Bldgs., Corporation St., & 6A, Witton Rd., Aston
f Hale, William, 83, Colmore Row
Hall, Bernard, 119, Colmore Row
*Hamblin, A. H., 24, Temple Row
Harley R , 57, Colmore Row
*Harper, Ewen, 57 [illegible]more Row
*Harris & Harris 9, Bennett's Hill
Harrison, A , Queen's Chmbrs , Colmore Row
*Hawkes, George F , 12, Richmond Rd Soho Hill
*Hawkes, J H , Union Chmbrs. 83, Temple Row
a Henman, Wm., 38, Bennett's Hill
*Hill, D. S , 27, Bennett's Hill
Hirst, B., 256, Mary St.
*Hodson, Charles J., Crown Bldgs., Dalton St.
*Holliday, Step. J., 84 & 86, Colmore Row
*Holmes, Edward, Cobden Bldgs., Corporation St.
a*Hughes, F. G., 121, Colmore Row
*Humphreys-Jones, J., 17, Bennett's Hill
*Ingall & Son, 3, Temple Row, East
*Jenkins, William, 34, Bennett's Hill
*Latham & Bosworth, Royal Chms., 23, Temple Row
*Latham, A. G., 160, Victoria Rd., [illegible]

*L[illegible] J & T , & Son [illegible] St
a*Lloyd, Herbert R [illegible]
*Lloyd, W[illegible]
Mansell, Edward, Imperial Chmbs A [illegible]
a Mansell, T Gildart, Imperial Chmbs. A., Colmore Row
*Mansell, Thomas H , Imperial Chmbs A , Colmore Row
*Martin & Chamberlain, 106, Colmore Row
*Martin, H., 3, Temple Row West
Matthews, B. F., 85, Paradise St.
*Meggett, John, 89, Camden St
*Merryfield, Thomas, 59, George St., West Smethwick
Morgan, R. B., 3, Lincoln's Inn, Corporation St.
Naden, Hy., New Eldon Chmbrs., 35A Cherry St
Nal[illegible] E., 120, Bristol Rd
*N[illegible] Chambers, 3 Newhall St
*Newton, Thos. W. F., & Cheatle, 121, Colmore Row
+Nichols, J. R., 59, Colmore Row
f*Osborne, J. P., 95, Colmore Row
f Osborn, F B., 15, Bennett's Hill
*Owen & Ward, 71, Colmore Row
*[illegible] C.E., 14, Temple St., and Lime Grove, Balsall Heath
*Payton, Geo., 6, Livery St.
*Phipson, A B , Victoria Bldgs., Temple Row
*Plevins, T., 8, Waterloo St.
+*Price, T G., Victoria Bldgs., Temple Row
*Proud, T F., Colmore Chmbrs., 1, Newhall St
*Radyclifffe, Edward Arnold, 109, Colmore Row
*Raggett, J. J , Queen's Chmbrs., 83 Colmore Row
a*Reading, A., 118, Colmore Row
*Reynolds, H. H., 22, Warwick Chmbrs., 16A, Corporation St.
*Riley & Smith, Imperial Chmbrs. B , Colmore Row
*Scruton, Victor, 7, Waterloo St.
*[illegible] County Chmbrs [illegible]
*[illegible] Colmore Row
[illegible] Dri[illegible]e
[illegible] Rd
[illegible] Colmore Row
*Ta[illegible] W Bernard, 7, Cherry St.
*[illegible]tley & Jones, 18, Bennett's Hill
*Turner, T A., Herald Chmbrs., Martineau St.
*Wathew, R. G , 25, Peel Bldgs., Lower Temple St.
*Ward, D. H., 19, Warwick Chmbrs., Corporation St.
*Ward, W H , 20½, Paradise St.
*Whitwell, C., 1, Cannon St.
*Williams, D J., County Chmbrs., B , Martineau St
*Williams, Maurice, Peel Bldgs., Lower Temple St.
*Wood & Kendrick, 14, Temple St.
Wood Joseph D., Colmore Chmbrs., 3, Newhall St.
*Wykes, Edwin E., 134, Colmore Row

COVENTRY

*Chattaway, Herbert W., Trinity Churchyard
Donnelly, T R., 1, Bath Terrace, Holyhead Rd
+*Foster Frederic, King's Head Chmbrs
*Freeman [illegible] Chmbrs , [illegible] St
Lan[illegible] Park St
*[illegible] A.M.I.C.E., [illegible] St
Purnell [illegible] St
Quick, Harry [illegible] St.
*Randle, Amos, Foleshill
Steane, George & Isaac (a), 22, Little Park St.
+*Tickner, Thomas F , 7, Bishop St.
*Tomlinson, W , Russell Terrace, Ford St.
Trego, J. J., 73, Lower Ford St.
*Whitley, T. W , 7, Hay Lane

KENILWORTH.

*Newey, C I., Station Rd
*Purnell, E J., A.M.I.C.E , Rosemary Hill

LEAMINGTON

+*Cundall, Frederick G , 41, Parade
+*Foster, Frederic, 4 Euston Pl.
L[illegible] H , 38, The Parade
*Wh[illegible], T W , 37, Archery Rd

NUNEATON

Wigg, J , 15, Arbury Rd.

[illegible]

*Ball, Joseph, Junr.

RUGBY.

*Franklin, J. T , 40, Bridget St.
*Hall, H. M., 28, North St.
Willard, T W., A.S.I., St. Andrew's Chmbrs , Market Pl.

SOLIHULL near BIRMINGHAM.

*Endall F B

STRATFORD ON-AVON.

+*Allen, T T., (M.I.A.C.E.) 2, Broad St.
*Cox, A. M., Municipal Offices
*Hinton, G H., 11, Church St.
*Thompson, William, West House

SUTTON COLDFIELD

*Healey, Wm E., High St.

WARWICK

a*Moore, F H., 2, Northgate St.
Stubbs, George A., 16, Coten End
*Trepess, F. P., 8, Jury St.

WESTMORELAND.

AMBLESIDE.

*Fleming, John, Rothay Garth
*Mason, W., & Son, Lake Rd.

KENDAL.

*Bintley, J (County Surveyor), 7, Lowther St
f*Curwen, J. F., M S.I., 51, Highgate
*Hoggarth, A., F.S I., 69, Highgate
Hutton, John, Mem. San. Inst., [illegible] Highgate
f*Shaw [illegible] Highgate
+*[illegible] Highgate
Starkey, John, [illegible]
a Thomson, J , 8, Lowther St.

WINDERMERE.

+f*Walker, R., Public Bldgs.

WILTSHIRE.

BRADFORD-ON-AVON

+*Adye, Herbert A., Town Hall Chmbrs.
f Stansfield-Brun, J., M.S.E., M.S.I., Turleigh

CALNE

Henly, Henry C., Curzon St.

CHIPPENHAM.

*Brinkworth, Robert E., F S I., St. Mary's St
*Darley, R. & J., High St.

[illegible]

+*Randell [illegible] Pl.

MARLBOROUGH

Brooke, Joshua Watts, M S I The Green Borough Architect and Surveyor
*Ponting, C. E., F.S.A. (Diocesan Surveyor , Lockeridge

SALISBURY

f*Bath Fred, F.S I., Crown Chmbrs Bridge St
*Casey T , Spire View, Wyndham Rd
*Harding, J., & Son, 51, Canal
Feniston, H , Devaux Lodge, East Harnham

SWINDON

+*Beswick, R. J., Fleet St., New Swindon
*Bishop & Pritchett, F.S.I., Regent Circus

+*Drew, William, 22, Victoria St.
*Drew, E , 22, Victoria St
+*Read, W H., Corn Exchange

TROWBRIDGE

*Stanley, W H., A.M.I.C E., Town Hall Chmbrs.

WARMINSTER

*Hardwick, W , & Son, High St.
+*Long, A. F., 21, East St.

WORCESTERSHIRE.

BEWDLEY.

*Webb, J. H., Wribbenhall

BROMSGROVE.

*Cotton & Bidlake, 99, High St.
+*Gadd, George H., F.I.S.E , County Court Chmbrs

DUDLEY.

*Coslett, E. G., 21, Wolverhampton St.
*Gammage, A , 4, Priory St.
*Gra[illegible] Tom , 25, Wolverhampton St
*Marsh, J B., 202, Wolverhampton St.

EVESHAM.

*Hunt, Geo.

HALESOWEN, Birmingham.

*Hickton, J H. W.

KIDDERMINSTER.

*Downton, C. Arthur, 70, Coventry St.
*Gething, Josiah M., Oxford Chmbrs.
*Meredith, J. T., Bank Bldgs.

KINGS NORTON.

Aherne, W de Lacy, Ardath

MALVERN, GREAT.

*Baker, Albert C., Whitbrook
*Baldwin, Ernest E., "Rockliffe" Lane, W
a*Nevinson & * (a) Newton, Church St.

MALVERN, WEST.

Holdx, Thomas W , West Nab

OLDBURY (Birmingham).

*Merryfield, Thos., 42, Church St.

REDDITCH

*Johnson, J , 21, Unicorn Hill
a Lloyd, H R , Webheath
Nesson & White, Church Rd.

STOURBRIDGE

*Gething, J. M., 2, Union Villas, Queen St
*Grazebrook, T., Union Chmbrs., High St.
*Riley & Smith, Hawbush House, Brettell Lane
*Robinson, T., 4, Hagley Terrace, Hagley St.

WORCESTER.

*Close, J Cuddon 6 & 7, Bridge St.
+Ca[illegible] Thos , A M I C E. (City Engineer and Surveyor), Guildhall
+f*Day, Ernest, 5, Foregate St.
f Hopkins W J Sansome Lodge, Sansome Walk
*Hughes, Frederick, 1, Angel St.
*Parker, Alfred H , 5, Foregate St.
a Pinckney, A. B., M.A., Sansome Lodge
*Row H , & Son Worcester Chmbrs., Pierpoint St.
*Sheppard, L. (Diocesan Surveyor for Worcester , Sansome Walk
*Sutton, T., Sansome Walk
+Williams, J. H., 15, Foregate St.
*Yeates (a) & Jones (a), 6, Foregate St.

YORKSHIRE.

ACKWORTH

Dixon, John Frederick S.

ALLERTON.

Rawson, John William

BARNOLDSWICK.

Broughton, James, Mitchell Ter.

BARNSLEY.

*Crawshaw, Herbert, 1, Regent St.
*Dixon, Robert, 5, Eastgate
*[illegible], Central Chambers, Church St.
*Senior & Clegg, 3, Regent St.
*Wade & Turner (+), 10, Pitt St.

BATLEY.

*Brearly, John H., Commercial St.
*Buckley, Harry B., Stocks Lane
*Crawshaw, Walter, Market Pl.
*Hanstock, Walter, Branch Avenue
*Sheard, Michael, 19, Branch Rd.
*Watson, Ben, Bradford Rd.

BATLEY CARR.

*Spencer, P., & Son, Town St.

BEVERLEY.

*Hawe & Foley, North Bar St.

BINGLEY.

*Armistead (A.M.I.C.E., F.S.I.) & Parkinson, Town Hall

BIRSTAL, near LEEDS.

*Burrows, John William

BRADFORD.

Allan, Wm., Sunbridge Chmbrs.
*Armistead & Parkinson, Parkinson's Chmbrs., Market St.
*Atkinson, J. W. C., [illegible], Ivegate
*Bailey, W., & J. B., 9, Market St.
Barker, Thos., C.E., 5, Bond St.
*Blackett, J., 45, Heidelberg Rd., Manningham
Brayshaw, Mark & Co., 309, Bowling Old Lane
f,Calvert, Rhodes, 4, Forster Sq.
*Critchley, E., 27, Kirkgate
*Dobson, Benjamin, 75, Leeds Rd.
*Empsall & Clarkson, 55, Tyrrel St.
*Fairbank & Wall, Craven Bank Chmbrs.
*Gamble, G. C., 7, Parkinson's Chmbrs., Market St.
*Hargreaves, C. H., Craven Bank Chmbrs., Bank St.
Healey, T. H., & F., 42, Tyrrel St.
+*Hodgson, Herbert, 27, Kirkgate
*Holmes, John H., Dudley Hill
Hope, Thos. C., 27, Kirkgate
Istt & Adkin, Queen Anne Chmbs.
+*[illegible]
Jackson, S., 11, Tanfield Chmbrs.
f Ledingham, James, District Bank Chmbrs.
Longley, William, Charles St.
*Marsden, Charles L., 3, John St.
Marten, H. & E., 5 & 7, Charles St.
Mawson & Hudson, 2, Exchange Buildings
*Milnes, F.S.I., & France (f) F.S.I., 89, Swan Arcade
Morley (f) & Woodhouse, 269, Swan Arcade
*Ogden & Moore, 40, Sunbridge Rd.
*Peterson & Cowgill, 10, The Exchange
*Robertson, Joshua, & Son, 55, Tyrrel St.
*+Robinson, Samuel, 15, Cheapside
*Ryer [illegible] & Firth, [illegible], Manchester Rd.
*Sharp, A., Albany Bldgs., Manchester Rd.
Walker & Collinson, 227, Central Avenue, Swan Arcade
*Waugh, John, C.E., Sunbridge Chambers, Sunbridge Rd.
*Wilcock, William, 9, Leeds Rd.
*Young, James, & Co., 62, Market St.

BRIDLINGTON QUAY.

*Dobson, Walter, Neptune Villa, Hilderthorpe
*Dyer, Samuel, Quay Rd.
+*Earnshaw, Joseph, Carlton House, Wellington Rd.

BRIGHOUSE.

Heaton, John, Spring Bank House
*Hepworth, G., 11, Bradford Rd.
*Leighton, Fred, B., Grasmead
*Rogerson, Robt. F., Estate Office, Kirklees
*[illegible] & Waller, 18, Bradford Rd.

CASTLEFORD.

*Hartley, Arthur, Carlton Chmbrs., Carlton St.
*McDowall, R. M., 17, Carlton St.
+*Pennington, G. F., Bridge St.

CALVERLEY, LEEDS.

*Wright, E., West View

CLECKHEATON.

f,Castle, Reuben, Westgate
*Howorth, W. H., Old Bank Chmbs.

DEWSBURY.

*Barton, John, St. Marks
*Blackburn, B. H., Church Lane
*Fox, John Lane, Bond St.
Hall, H. Harwood, (C.E.), Shaw Cross near
*Kirk, John & Son, Market Place
*Marriott, C. H., & Son, West Park St.
f,Ridgway, Frederick William, Boro' Chmbrs., Bond St.
*Thornton, W. & D., Oates St.

DONCASTER.

*Athron & Beck, Dolphin Chmbrs., Market Place
*Masters, F. W., 11, Priory Place
Walker, J., Greenhalgh, C.E., Oriel Chmbrs.

DRIFFIELD.

*Shepherdson, John F., Middle St. North
*Shepherdson, Joseph, 91, Middle St., South

ECCLESHILL, Bradford.

*Crawshaw, J.

FILEY, R.S.O.

*Dyer, Samuel, Hope St.
*Robson, R. M., 21, Belle Vue St.

GOLCAR.

Shaw, Arthur, Knowl

GOOLE.

*Thorp, H. B., Boothferry Rd.

GREAT HORTON, nr. BRADFORD.

Leighton, F. B., Kelshall Bldgs., High St.
*Spencer, Samuel, 344, Gt. Horton Rd.

GRANGETOWN, R.S.O.

*Stainthorpe, T. W., A.M.I.C.E.

HALIFAX.

Booth, H. W., Apsley House, King's Cross
*Buckley, G., + (F.S.I.), & Son, Tower Chmbrs., Silver St.
*Dalzell, A. G., Albany Chmbrs., 15, Commercial St.
+*Farrar, J., Crossley's Bldgs., 29, Northgate
*Horsfall, C. F. L., & Son, Lord St. Chmbrs.
*Horsfall (F.S.I.), & Williams (f), 15, George St.
Horsfall, W. H. D., Harrison Rd.
*Jackson & Fox, 22, George St.
*Patchett, T. L., George St. Chmbrs.
*Petty & Ives, 12, Waterhouse St.
*Taylor, Edwin, 15, Church St.
*Utley & Gray, C.E., 10, Waterhouse St.
+*Walsh, J. F., Lancs. and Yorks. Bank Chmbrs., opposite G.P.O.

HARROGATE.

*Bown, H. E. & A., Victoria Bldgs., James St.
*Dyson, Richard, James St.
Gibson, A. A., 8, Cambridge Cres.
*Lawton, J. W., 12a, Walker Rd.
*Marshall, T. E., Post Office Bldgs., Princes St.
Morley (f) & Woodhouse, Beulah Chmbrs.
Bead, S., Municipal Offices (Boro' Surveyor)
*White, Chas., Milton Lodge, 67, East Parade
f*Wilson, T. Butler, Central Chmbrs.

HEBDEN BRIDGE.

*Cockcroft, Wm. H., West End
+*Walsh & Wrigley, Commercial St.

HECKMONDWIKE.

*Rhodes, Alfred E., Union St.
*Stott, A. A., Kaye St.
Wood, S., & Son, Cheapside

HIPPERHOLME.

*Walsh, J. F.

HOLMFIRTH.

Shaw, Joseph, Victoria Market
*Smith, Joseph, Huddersfield Rd.

HONLEY, Huddersfield.

*Holdroyd, Charles, The Banks

HORBURY.

*Richardson, Simpson, & Berry, Laurel Bank

HORNSEA, near HULL.

*Gaskell, P., C.E., 3, Wilton Terr. (Surveyor to Hornsea Local Board)

HOWDEN.

*Blackburn, Wm. H., Church Side

HOYLAND, near Barnsley.

*Sykes, Walter J.
*Wilson, J. W., 189, King St.

HUDDERSFIELD.

*Berry, J., 9, Queen St.
*Brook & Dransfield, 12 & 13, Estate Bldgs.
*Cocking, J. Wm., 14, Station St.
*Collins, F., 37, Byram Arcade
*Cooper, W., 4, Kirkgate Bldgs.
*Hall, J. H., Milton Pl., Fartown
*Kirk, J., & Sons, 36, John William St.
Lockwood, E. W., [illegible], Byram Arcade
*[illegible] & Son, Fartown
*[illegible], Market Pl.
Mossley, John E., [illegible] St.
[illegible], Market Chmbrs., King St.
*Stocks, F., St. Peter's St.

HULL.

*Adamson, Jas. J., 3 & 4, Junction Pl., Monument Bridge
+Atkinson, T. B., 11, Trinity House Lane
*Baynes, Hy., 2, Bowl Alley Lane
*Bingley, W. H., Custom House Bldgs., Whitefriargate
*Botterill, Son, & Bilson (f), F.S.I., 23, Parliament St.
*Freeman, Son, & Gaskell, Albert Chmbrs., 11, Car Lane
*Pryer, G., 15, Parliament St.
f,Gelder, W. A., F.S.I., 76, Lowgate
*Jacobs, B. S., Lincoln's Inn Bldgs., Bowl Alley Lane
*Kitching, W. H., Cogan Chmbrs., Bowl Alley Lane
*Marshall, W., 16, Caroline Pl.
*Shepherdson, Jos., 22, Silver St.
*Smith & Brodrick, Cogan Chmbrs., Bowl Alley Lane
*Thompson, T. Brownlow, 15, Parliament St.
*Thorp, G., 1, St. Mary's Chmbrs., Lowgate
*Tiffen & Co., Conservancy Bldgs., Whitefriargate
*[illegible] W. H., [illegible], A.M.I.C.E., 1, Manor St.
*Whitfield, J. W. L., Chancery Buildings, Manor St.

IDLE.

+Kendall & Bakes+

ILKLEY.

*Critchley, E., Yew Bank Terrace
*Hargreaves, C. H., Westbrook
*Johnson, E. Barton, 6, The Grove

INGROW.

Whiteoak, Charley, Ingrow Cottage

KEIGHLEY.

*Bailey, W. & J. B., 1, Scott St.
*Haggas, John, 11, North St.
[illegible], Barker & Co., [illegible] St.
*Judson (John) & Moore, 1 & 2, Burlington Chmbrs.
Smith, T., 6, Wignall St., Beech Cliffe

Sugden, W. H. & A., Low St.

KIPPAX, Leeds.

*Harris, Lawee, C.E., F.I.S.E.

KNARESBOROUGH.

*Brown, J., Gavin, Manor House

LEEDS.

Ambler & Bowman, 9, Park Pl.
f Bakewell, W., 8a, Park Sq.
Bedford, F. W., [illegible], Park Lane
*[illegible], W. H., [illegible]
*[illegible], J. M., [illegible], 37, Park Sq.
+*[illegible], W. S., 6, South Parade
Bromet & Thorman, 16, Park Row
*Buckley, H., 5, Park Lane
*Charles, J., & Son, 98, Albion St.
Chorley (f) & Connon (f) 15, Park Row
*Danby, G. F., 46, Great George St.
a Dixon, A. E., 8a, Park Lane
Dodgshun, E. J., 2, Park Row
*Dodgson, Daniel, 86, Albion St.
*Fawcett, John M., & Son, 26, Albion St.
f [illegible], Park Sq.
*Greaves, John H., Jun., 38, Albion St.
*Hall, John, & Son, (a) Prudential Bldgs., Park Row
*Harris, Lawee, C.E., F.I.S.E., St. Andrew's Chmbrs., Park Row
*Hobson, W. A., Carlton Chmbrs., 82, Albion St.
*Howdill & Howdill (a) 24, Albion St.
*Kay, John P., & Twist, J. W. (a), 84, Prudential Bldgs., Park Row
*Kelly, John, Imperial Bldgs., Bond St.
*Kendall + & Bakes, + Calverly Chmbrs., Victoria Sq.
*Lawton, J. W., 86, Albion St.
Leak, J. E., 34, Waterloo Rd., Hunslet
*Neill, Archibald, 16, Cookridge St.
*Nelson, Charles S., Sun Insurance Bldgs., 15, Park Row
*Oldroyd, Jas., 16, Infirmary St.
*Perkin (f) & Bulmer (f), Central Bank Chmbrs., Toronto St.
*Pott, Walter, H.M. Office of Works
Rhodes, Fred. W., 181, Upper Wortley Rd.
*Richardson, F. H. & W. E., Imperial Bldgs., Bond St.
*Robinson, P., 72, Albion St.
Savage, R. W., Sun Insurance Bldgs., 15, Park Row
f Smith & (f) Tweedale, 12, South Parade
*Swale & Mitchell, 38, Albion St.
f,Thorp, W. H., Commercial St.
*Webster, J. A., 62, Wningate Armley
*Wilkinson, C. F., 3a, Park Sq.
f,Wilson, T. B., 12, East Parade
*Winn, Thomas, F.S.I., 86, Albion St.
Wood, Richard, 6a, Commercial Bldgs., Park Row
*Wright, E., 13, Oxford Row
*Wood, W. H., F.I.S., F.G.S., 14, Park Sq.

LIVERSEDGE.

Sinkinson, Samuel, Mill Bridge

MALTON.

*Channon, C. H.

MELTHAM.

Carter, William, 1, Station St.

MEXBOROUGH.

*White, Geo., A.M.I.C.E., Estates Offices, and the Parks

MIDDLESBOROUGH.

*Bottomley, J. Mitchell, 28, Albert Rd.
*Duncan, W., 3, Zetland Rd.
+*Lofthouse, R., F.S.I., 62, Albert Rd.
a Lofthouse, T. A., 62, Albert Rd.
*Moore, Robert, 7, Albert Rd.
+*Newsome, Arthur, Albert Rd.
*Roberts, Walter G., 61, Albert Rd.

MILNSBRIDGE, Huddersfield.

*Lunn, John E., Exchange Bldgs.

MIRFIELD.

*Barker, John, Town Hall

MONK FRYSTON.

*Harris, Lawse, C.E., F.I.S.E.

MORLEY

*Burrows, John Wm [illegible]
*Buttery Thomas A., Exchange [illegible], Queen St
*Sykes, Joseph, Princess St.

NORTH ORMESBY, Middlesborough

Moses Christopher, Newton House

OAKWORTH, Keighley.

*Judson John, & Moore, Bogthorn

OSSETT, R.S.O.

*Kendall William A., Bank St.

OTLEY

*Fairbank & Hall, Manor Square
+*Marshall, A., Craven Bank Chms

PONTEFRACT

Ma[illegible] G. The Mount
[illegible] W. J.

PUDSEY

a*Hodgson, Her[illegible], Brunswick Terrace
*Nelson Charles S., [illegible]

QUEENSBURY

*Drake, John, Water Bank
*Hodgson Herbert

RAWMARSH.

*Platts J., High St.

RICHMOND

King Robert Henry, Highwaithcote

RIPLEY

*Croft, William, Providence Villa

RIPON

*Harrison, Samuel, Kirkgate
*Kitson, J[illegible], College [illegible]
*Mallinson, George, Market Pl. and North Rd.

RIPPONDEN

*Crawshaw, James, Wood Ter.

ROTHERHAM

Axtleby, J., Wilton Lane, Masbro'
Dobb, John, 23, Clifton Ter
+*Hubbard E. Isle, Moorgate St
Knight, Jas. E., 20, Moorgate St.
*Tacon, Harry L., 11, Westgate

SALTBURN-BY-THE-SEA

Peachey, Wm., C.E., 8, Amber St.

SCARBOROUGH.

Edeson, Chas., 25, Huntriss Row
Davis & Cooper, 24 Westborough
*Hall, John, 24, Westborough
*Petch, James Victoria Chmbrs., 2[illegible], Huntriss Row
*Petch, John, 30, Bar St.
*Petch, J. C., Bank Chmbrs.
a Tugwell Frank, A., 162, Westborough

SELBY

*Ullathorne, Thos Simpson, Millgate

SHEFFIELD.

*Appleby, Alfred, 66, Surrey St.
+*Benton, J. E., 37, Orchard St.
*Clark, John, 55, Norfolk St
*Davidson, R. M.I.C.E., Whiteley's Chmbrs., 37 Surrey St.
*Earle, J. P., C.E., Temple Chmbrs., Norfolk Row
*Edwards, T. G., Davy's Bldgs, [illegible]
*Ellis, Bros., 6, Norfolk Row
*Fawcett, Jos., 5a, Eyre St.
[illegible] F.S.I. & [illegible] (f), 15, St. James' Row
*F[illegible] & Marshal, [illegible] George St.
*Gibson, Clement, 251, St. Philip's [illegible]
*G[illegible]wood, Alfred J., Beverley [illegible], Wadbrough Rd.
Hadfield, M.E., Son (f) & Garland, 14, Norfolk St
*Hall, James, 10, Paradise Sq
*Hemsoll & Paterson, a) Imperial Chmbrs., 18, Norfolk Row
*Holmes & Watson, (a, 7, St. James' Row

*Innocent, C. J. (f), F.S.I., Hon. Sec., S.A. (Sheffd.), 17, George St.
*Jenkinson, T. H., 4, East Parade
*Lancashire, W. H., 11, East Parade
*Lockwood, H. W., 5, 6 & 7, Paradise Chmbrs., Pinstone St.
a*Mitchell-Withers, J. B., 75, Surrey St.
*Norton, J., Alliance Chambers, George St.
Sampson, George & Son, Estate Offices, Beauchief Abbey
*Smith, J., St. Peter's Chmbrs., 1, Hartsh[illegible]
*Taylor, W. J., 38, Bank St
*Webster, Henry, 86, Queen St
f,*Webster, J. D., 21, Church St.
Wheen, John T. [illegible]
*Wilde, George A., [illegible] St.
*Wilson, G. A., Hartshead Chmbrs.
Wilson, T. H., 63, Norfolk St
+*Winder, E., Junr., Corn Exchange Chmbrs., Wharf St.
+*Winder, T., F.I Inst., A.M.I.C.E., Duke of Norfolk's Estate Office

SHIPLEY

*Crawshaw, J., 54, Otley Rd

SILSDEN.

Tillotson, Samuel

SKIPTON.

*Broughton, J. W., 19, High St
*Varley, J. (C.E.), (f) & Son, 15, Swadford St.

SOUTH STOCKTON

Smith, William, Mandale Rd

SOWERBY BRIDGE

*Lloyd & Son, Wharf St.
*Wilkinson, S., Town Hall St.

TADCASTER.

*Bromet & Thorman

THORNTON, Bradford.

*Pickels, W., New Rd.

UPPER MILL.

*Lawton, James & Son, St. Chad's

WAKEFIELD.

*Crutchley, H., Town Hall Chmbrs., King St.
*Crutchley, W., Town Hall Chmbrs., [illegible]
*Fawcett, A., C.E., Old Town Hall
*Hart, Abraham, 21, Barstow Sq., and Oxford House, St. John's
+*Nicholson, A. S., 7, 8, & 9, City Chmbrs., 39, Wood St
*Simpson (f) & Richardson, Southgate Chmbrs.
*Thornton, W. & D., 21, King St.
+*Watson, William, Barstow Sq.

WHITBY

*Lennards, Robert, Cliff St.
a*Smales, Edward H., "Arundel House"

WINDHILL

Wright, Samuel, Church St.

YEADON

*Foggitt, George, Ashfield
*Harrison, Andrew & Son, High St.

YORK

*Anderson, Charles, 2, Lendal
[illegible], N. E. [illegible] Architect's Office
*Brown, W., & Son, City Chmbrs., [illegible]
*[illegible] & [illegible], 1[illegible], Lendal
*[illegible], St. Michael's Chmbrs., [illegible]
*[illegible] & M[illegible], 15, [illegible]way St.
*Humphries, Thos., [illegible]
*[illegible] H. [illegible], Lendal
*Lewis, M. W., 37, Petergate,
*[illegible] W. G., Clifford Chmbrs., Clifford St.
Perkin (f) & Bulmer (f), St. Helen's Chmbrs., Davygate
*Skeat & Pegg, St. Helen's Chmbrs., Davygate
*Styan, Geo., St. Helen's Chmbrs., Davygate
*Taylor, Edward, 7, Stonegate

Scotland.

ABERDEEN

Allan, J. A. [illegible], 31, [illegible] St
*Brown & Watt, [illegible]
Clyne, Arthur, 125, Union St
*Coutts, George, 22, [illegible]
[illegible]
*Harper, [illegible], Union St
Henderson, Wm., & Son, 124, Union St
Ironside, Wm Dalton, A.M.I.C.E., [illegible]
[illegible]
Mavor, Alexander, 211, Union St.
McCann, John P., Deeswood Pl
Mackintosh, A. H. L., 75, Union St.
McMillan, D. & J. R., 211, Union St.
*Matthews & M[illegible], Union St
*M[illegible], 115, Union St.
[illegible] Union St.
[illegible] City Architect, 2[illegible]
Ruxton, William, 84, Union St.
Smith, W. & J., & Kelly, [illegible]
*Smith, John F., Waterloo Station
*Souttar, James, 42 Union [illegible]
[illegible]
*Walker (George J.), & Duncan, 3, Golden Sq.

AIRDRIE

*Arthur, George, Royal Buildings
*Baird, W., Market Buildings, [illegible] St
[illegible], Jas. [illegible], I.M., 10 Broomknoll St.
*Shaw, Jas., 3[illegible], South Bridge St.
*Thomson, J., & Sons, East Victoria Place

ALEXANDRIA

*Boston, Menzies & Morton, 17, Bank St

ALLOA.

*Frame, Thos., & Son, 45, Mill St.
*Johnston, James, C.E., 49, High St
+Kerr, G. A., 37, Mill St.
*Leishman, J. S., 44, Mill St
*Melvin, John, & Son, 64, Mar St.

ANNAN.

Ker, Hugh, St. John's Place

ARBROATH

*Carver & Symon, Brothock Bridge
*Gavin, Hugh, 14, Millgate

AYR

+*[illegible]resham, John, C.E., 54, Fort St. (Burgh Surveyor)
Kerr, Wm., 9, Sandgate
Morris, James A., [illegible], & Hunter, J. Kennedy, 51, Sandgate
*Murdoch, John, C.E., I.A., (Glasgow), 52, Sandgate St.

*Stevenson, A., 14, Cathcart St.

BANFF

+*Cosser, C. W., 1, Carmelite St.

BIGGAR

*Murray, John Lamb, I.A., Heavyside

BLAIRGOWRIE

*Falconer, L., & J., 7, George St.

BONESS, R.S.O.

Dodds, Jas., Panacre Place

BRECHIN

*Fettis, William, 31, St. David St.

CAMBUSLANG.

Ferguson, Wm., Wemyss Villa
*M[illegible] A. Lindsay, "Bertis"

CASTLE DOUGLAS.

*Lauric, Benjamin B., C.E., Janefield
Jamieson, Daniel, Hamilton Place

COATBRIDGE.

Davidson, James, 9, Academy St
*M[illegible], A., M[illegible], [illegible] Bldgs.
*Shaw, Jas., 15, Academy St.

CORSTORPHINE

aWilliamson, Jas. A., St. John's Rd.

CUPAR.

*Storrar, D., C.E., 3, St. Catharine St

DINGWALL.

Jones, Wm. C., 4, Drynie Ct
+*Mackenzie, Wm., 2, Station Rd.

DUMBARTON

Crawford, J. M., 123, College St.

DUMFRIES

*Barbour, James, 33, Buccleuch St.
*[illegible], Bank St
*[illegible] A. [illegible]
[illegible]
*Halliday, James, 37, Buccleuch St.
*Kinnear, Robert K., C.E., 76, Irish St.

DUNDEE

Alexander, William, 32, Bank St.
City Architect, [illegible]
Bissett, Chris. J., [illegible]
[illegible]
[illegible]
[illegible] ge A., 21, Reform St
*H[illegible], John J., A.M.I.C.E., 5, Bank St
*Hunter, Robert, 41, Reform St
*Hutcheson, Alexander, 8, Bank [illegible]
Hutton, James, 61 Reform St.
Johnston, Alex., 20, Reform St.

*Keith, R., 87, High St
*Langlands, J. H., 81, Murraygate
*Mc[illegible]loch & Jameson, A.M.I.C.E., 10, Whitehall St.
Mackison, W. [illegible] E., F.S.A., Scot., [illegible]
*Ma[illegible], [illegible], & Sons, 24, Bank St.
*Ower, Charles & L., (f) A.M.I.C.E., 104, Commercial St.
f Robertson, J. Murray, 38, Albert Sq.
*Robertson, Thomas [illegible], St. Andrew's Bldgs., Bank St.
*Salmond, James, & F., C.E., 6, High St.

DUNFERMLINE.

*Hailey, Wm., Castleblair Park
*Houston, J[illegible]hn, St. Margaret St.
*Scobie, Andrew, Douglas St
Swinton, William, Bonnar St.
*Ure, T. Hyslop, 43, Carnegie St.

DUNS.

Fortune, George, Kilmeny

EDINBURGH

Aitken, G. S., F.S.A. (Scot), 49, Queen St.
Anderson, R. Rowland, LL.D., 6, Rutland Sq.
Beattie, G., & Son, 136, George St.
Blanc, Hippolyte J., A.R.S.A., 73, George St.
P[illegible], D. & J. (f), 131, George St.
Burnie, David B., 10, North Saint David St.
Cameron, Rhod., 190, George St.
Cameron, Robt. M., 24, George St
a Capper, S. H., M.A., 21, St. Andrew Sq.
Crawford, A. Hunter, 39, York Pl.
Dunn, James B., 91, George St
f Fairley, J. Graham, India Bldgs
Grey, William Henry [illegible] Scot., 59, George St.
Hay & Henderson, 12, Queen St.
*Henderson, Peter, 61 & 63, West George Chmbrs., 122, George St.
Henry J. Macintyre, 13, Frederick St.
Jerdan, James, 12, Castle St.
Johnston, Charles S. S., 10A, North Saint David St
a Kerr, Henry F., 36, Hanover St.
Kinnear & Peddie, 9, South Charlotte St
Leadbetter, Thomas, F.S.A. (Scot), 17, Young St.
a Lorimer, R. S., 49, Queen St
Lumsdaine, John, 25, George St.
Lyle, G. A., 3, Hill St.
*Macnaughton, Alex. W., 6, Queen St.
Macpherson, Archibald, F.S.A. Scot., [illegible], Young St.
McArthy & Watson, 25, Frederick St
[illegible]
[illegible]
[illegible]
*Mitchell, C. & W., 122, George St.
Mitchell, Sydney, Young St
Morham, Robert, City Chmbrs., (City Archt.)
*Paterson, R., & Son, 39, Frederick St.
*Paterson, R. H., & Watson, 10A, George St.
Peacock & Crombie, 84, St. Andrew's Sq
Pearson, James R., 24, Castle St
Robertson, David, A.R.S.A., 4, Maitland St.
Robertson, W. W., 3, Parliament Sq.
Seymour & Kinross, 20, George St
Shiells & Thomson 65A, George St
Simon, F. W., 36, North Hanover St.
Simpson, Geo., Town Hall
Starforth, John, 37, York Place
Steell, W., 9, Randolph Place
Taylor, H. R., 50, George St.
Thomson, Jas., 53, George St.
Wallace, John, 32, Alva St.
Wardrop & Anderson, 16, Rutland Sq
Washington-Browne, G., A.R.S.A., 1, Albyn Place
*Whitelaw, John, C.E., 118, George St.

Wilkie, Rolls W. F., 122, George St.
Wilson, Robert, 3, Queen St.

ELGIN.

*MacBey, W. Munro, C.E.
Jamieson, Jas., 2, Commerce St.
a Mackay & Doig, North of Scotland Bank
*Mackenzie, Hugh J., 147, High St.
*Milne, John, 219, High St.
a Pratt, R. B., 13, Commerce St
*Reid, Alex. & Wm., & Wittet, Commerce St.
a Sutherland, George, 51, High St.

ELIE, R.S.O.

Currie, J., Park Place

FALKIRK.

*Black, A. & W., 5, King's Arms Ct.
*Gauld, Alex., C.E.
*Page, G. D., Old Glebe Chmbrs.
*Strang, J., C.E., 102, High St.

FORFAR.

*Carver, John, C.E., 34, Castle St.

GALASHIELS.

*Black, Andrew, 52, High St.
Herbertson, A., & Son, Abbotsford Rd
*Stirling, William, 44, Market St.

GALSTON

Macintosh, John, Strath Cottage

[illegible]

Adam & Short, 164, Bath St.
*Anderson, W. J., 138, Wellington St.
[illegible] St. Vincent St.
Baird, J., Junr., 124, Bath St.
Baird & Thompson (f), 88, Bath St.
Barclay, H. & D., I.A., 245, St. Vincent St.
Boucher & Higgins 247, St. Vincent St.
Boyd, George F., 65, Bath St.
a Bromhead, H. K., I.A., 243, St. Vincent St.
Bruce & Hay, 261, West George St.
Burnet & Boston, 69, West Regent St.
Burnett (f), Son (a), & Campbell, 167, St. Vincent St.
[illegible] Macgregor, I.A., F.S.A. (Scot.), 170, Hope St.
*Chalmers, James, 101, St. Vincent St.
Clarke & Bell, I.A., 212, St. Vincent St.
C[illegible]ford, H. E., I.A., 193, St. Vincent St
a Conner, W. Tait, 121, West Regent St.
C[illegible]wan, J. L., I.A., 136, Wellington St
*C[illegible], J. J., C.E., 175, St. Vincent St
Cunningham, John, 75, Bath St.
Dalglish, R., 178, St. Vincent St.
[illegible] & M[illegible]rrison, I.A., [illegible] St. Vincent St.
[illegible] 205, Hope St.
[illegible] West Regent St.
Ewan, Robert, 75, Bath St.
Ferguson, W., 114, West Campbell St.
*Gardner, Alexander, [illegible], St. Vincent St.
Gibson, M. S., 151, West Regent St.
a Gourlay, Charles, I. A., 2, Oak Vale, Gibson St., Hillhead
Haig, John, 72, Waterloo St.
Halket, T., Jun., I. A., 112, Bath St
Hamilton, J., 212, St. Vincent St
Honeyman, J. (f), (A.R.S.A.), & Keppie, 140, Bath St.
Howie, Wm. H., I.A., 131, West Regent St
Hutchinson, J., I.A., 110, Hope St.
*Ingram, William, 134, Bath St.
Lammie, G. & Sons, 138, Hope St.
f Leiper, William, 173, Bath St.
a Lindsay, J., 248, West George St
Low, D. G., 23, Lansdown Crescent
Lymburn, J., 136, Wellington St.
MacBean, D., Office of Public Works, City Chmbrs
a M'Gibbon, A., Central Chmbrs., 109, Hope St.

M'Gibbon, W. F., I.A., 221, West George St.
M[illegible] & M[illegible]K[illegible]llar, 112, Bath St
McK[illegible], J[illegible], 3 West Regent St
McNaughton, D., I.A., 137, West Regent St.
Macwhannell & (a) Rogerson, 58, West Regent St.
Miller, A., Lindsay, 122, Wellington St.
Miller, J. (I.A.), 223, West George St.
Monroe, J. M., I.A., 28, Bath St.
Myles, A., 143, West Regent St.
a Paterson, A. N., M.A., 136, Wellington St.
*Pearson, J. M., C.E., 65, West Regent St.
Petrie, Alexander, 111, Bath St.
Purdie, T., Jun., 188, St. Vincent St.
Ritchie, J., 209, St. Vincent St.
*Robinson, Chas. H., 49, Bath St.
Rowan, W. G., 234, West George St.
Salmon, J., & Son (f), I.A., 197, St. Vincent St.
Shanks & Mitchell, 63, Bath St.
Skirving, A., I.A., 121, West Regent St.
Smellie, J., Clyde View, Partick
Stark, M., & Rowntree, 249, West George St.
Steel & Balfour, 110, Mains St., Blythswood Sq.
Stewart, W. Burns, 212, St. Vincent St.
Sturrock, D., 95, Bath St.
Tennant, W., 219, Hope St.
Thomson & Sandilands, 121, West Regent St.
Thomson, A. G., I.A., C.E., 109, Hope St.
Thomson, D. (I.A.), & Menzies, C., 2, West Regent St.
Thomson, R., 173, St. Vincent St.
Turnbull, Robt., I.A., 122, Wellington St
Walton, H. D., 11, Bothwell St.
f Watson, T. L., I.A., 166, Bath St.
Whyte, W., McN., 103, West Regent St.
Wightman, R. A., 65, West Regent St.
a Wilson, J. B., I.A., 92, Bath St.
*Wylie, David V., 65, Bath St.
Zmorski, C. J., 261, West George St.

GOLSPIE.

*Bisset, L.

GOREBRIDGE, R.S.O., Midlothian.

Smith, Robert

[illegible]

*Garvie, John, 85, Royal St.

GREENOCK.

*Boston, Menzies & Morton, 11, William St.
*Grant, P., 10, Kelly St.
*Kerr, Andrew, Mansion House
*Stewart, James B., I.A., 2, Hamilton St.
*Strachan, George, 1, Hope St.

HADDINGTON.

*Farquharson, John, 31, Court St.

HAMILTON.

*Cullen, A., C.E., F.S.A., Quarry St.
Paterson, Gavin, 19, Cadzow St.

HAWICK

*Alison, James P., 19, Bridge St.
*Manuel, John, Town Hall

[illegible]

Leiper, William, Sutherland St.

HUNTLY

Duncan, Robert, The Square

INVERNESS

*Black, Robert, C.E., 22, Union St.
*Cameron, Duncan, 6, Church St.
Carruthers, W. L., 74, Church St.
Gall, John H., 2, Church St.
Macdonald, J. Pond, 8, Union St
Mackenzie, Alex F., 15, Union St
Mackintosh, William, 16, Union St.
Robertson, John, 39, Union St.
Ross, (f) & Macbeth, Queen's Gate Chmbrs.

IRVINE.

*Armour, John, Jun., Smith Hill

JOHNSTONE.

*Kerr & Watson, 46, High St.

KEITH

Robertson, F. D., 92, Mid St. (Burgh Surveyor)
Thomson, Andrew, 5, Braes St., Fife-Keith

KILMARNOCK.

Andrew, Gabriel, Croft St.
Ingram, [illegible], & Samson, R., 114, King St.
*Mitchell, C. & W., John Finnie St.
*Pearson, J. M., A.M.I.C.E., 5, John Dickie St.
Railton, W., & John J., 1, St. Marnock Pl.
*Smellie, Thomas, Bank St.

KIRKCALDY

*Birrell, Wm., 27, Kirk Wynd
Dow, Wm., C.E., 259, High St.
*Hislop, J. Wylie, Viewforth, Harley Ter.
*Little, R., 48, Townsend Pl.
*Murray, John, 211, High St.

KIRKCUDBRIGHT.

McCandish, James, St. Mary St.
Wallace, Walter, Dear Lodge

KIRKWALL (ORKNEY ISLES)

*Baikie, Samuel, 28, Dundas Crescent
Peace, T. S., F.S.A., (Scot), King St.

LANGHOLM

Burnet, Jas., Ewesbank

LEITH.

*Craig, Geo., F.G.S.E., 65, Duke St.
Thompson, W. N., 85, Constitution St.

LERWICK (SHETLAND ISLES).

Halcrow, John
Hardie, John, 12, Commercial St.

LEVEN, FIFE.

*Dewar, A., & A. C., Bridge St.

LOCKERBIE.

*Carruthers, J. C., Victoria Square

MAYBOLE.

*Ross, D. M., Newyards

MELROSE

Spiers, J., Weir Hill House

MONIFIETH.

Munro, James, West March

MONTROSE.

*Anderson, J., A.M.I.C.E., 160, High St.
*[illegible], Hugh, 107, High St.
*Sim, John, C.E., 160, High St.

MOTHERWELL.

*Bell, James, 8, Merry St.
+*C[illegible]llen, A., C.E., F.S.A., Clyde St.
*Sneddon, Geo., 133, Merry St.

NEWTON STEWART.

*Park, Richard, Lynnwood

OBAN.

*Brenan, G. W., C.E., Albany St. Chmbrs.
Shairp, A., C.E., 22, George St.

PAISLEY

*Abercrombie, T. G., 13, Gilmour St.
*Caldwell, Peter, 12, High St.
Davidson, C., Terrace Bldgs., High St.
Donald, James, 99, High St.
*Lamb, J. B., I.A., 12, High St.
*Rennison, John A., 15, Gilmour St.

[illegible]

*Barker, D. M., 9, South Methven St
[illegible], A. G., [illegible] High St.
Heiton & Granger, 72, George St
*Ritchie, James, 18, Charlotte St.
*Robertson, C. S., 68, St. John St.

Smart, David, [illegible]
Smart, Jas., [illegible]
*Young, J., M.I. [illegible] 45, Tay St.

PITTENWEEM, R.S.O.

Adamson, John, Charles St.

PITLOCHRY.

*Leonard, John

ROTHESAY.

Morrison, Robert, 35, Watergate St.
*Thomson, J. R., C.E., 5, High St.

RUMBLING BRIDGE near Stirling.

*Macara, Neil

ST. ANDREWS.

*Gillespie, J., & Scott, 4, Queen St.
*Henry, David, F.S.A., Scot., Chambers [illegible]
*Milne, John, 31, Argyle St.

SELKIRK.

*Sarhe, James, C.E., Alva Cottage

STIRLING.

*Allan, John, 12, Murray Pl.
*McLuckie & Walker, C.E., 48, Barnton St.
*Simpson, E., 61, King St.

*Young, J., McHardy, 59, Murray Pl.

STRANRAER.

*Adair, A., C.E., Harbour St.
*Macfarlane, J. C., C.E., 8, Bridge St.
*Torrence, J., Jun., Lochryan Pl.

STROMNESS (ORKNEY ISLES).

*Baikie, Samuel, Jun., John St.
Robertson, William

TAIN.

Maitland, A., & Sons, Esther Pl.

THURSO.

Leed, Donald, 7, George St.
MacDonald, Sinclair, Olrig St.

TURRIFF.

Duncan, James, Hall Hill

WICK.

*Brims, William, Bridge St.
Dunbar, Donald, Newton Rd.
Munro, Alexander, Bridge St.

WISHAW.

Ross, Malcolm, Belcaven Terrace

Wales.

ABERDARE.

*Morgan, Elford & Kenshole, 34, Canon St.
*Roderick, Thomas, 24, Clifton St.

ABERDOVEY.

Hopkiss, F. W., Cliffside

ABERYSTWITH.

†*Jones, G., & Son, 17, George St.
*Morgan, T. E., 12, Baker St.

BANGOR.

Baker (*f*) & Hughes (*a*), Arvonia Bldgs.
*Davies, Richard, 125, High St.
†*Gregory, P. S., 228, High St. (Diocesan Surveyor)
*Hall, Richd., 251, High St.

BARMOUTH.

*a*Evans, John Ed., Epworth Villa
*Roberts, T., A.M.I.C.E., F.S.I., & Son

BRECON.

†*Davies & Baldwin, 8, Lion St.
†*Williams, T., Talbot House, Church St.

BRIDGEND.

*Burnett, E. W., Tondu
*Hurley, Jesse, 10, Bridgend Rd., Tondu
*Lambert, G. E., Town Hall Chmbrs.
*Thomas, & James, Nolton St.

BRITON FERRY.

*Clarke, H. F., M.S.A., Briton Ferry Estate Office, Neath Rd.

BUILTH WELLS.

†*Smith, T., 5, Market Hall Bldgs.

BURRY PORT.

*Williams, R., Post Office Chmbrs.

CARDIFF.

Blessley, W. D., Llanishen
†*a*Bruton, E. H., 15, Queen St.
*Calow-Hurley, Alfred (M.S.A., Cardiff), Custom House Chmbrs., Custom House St.
*Caple, W. H. D., 1, St. John Sq.
†[illegible], E. W. M., Bute Estate Office
*[illegible], J., M.S.A., [illegible] Tudor Rd.
Davies, Aaron, & Son, Pontlottyn
a Eaton, W., 16, Ryder St.
*Gethin, John, Windsor Chmbrs., Westgate St.
*Habershon & Fawckner, Tredegar Estate Office, 14, Pearl St., Roath
*Halliday, G. E., 14, High St. (Diocesan Surveyor)
Hodkinson, W. B., 1, Wordsworth St.
*Jacobs & Pickwell, Bank Bldgs.
James† & Morgan, Charles St. Chmbrs.
†*James, J. H., Abbotsford, Romilly Rd.
*Jones, C. C., Princess Chmbrs., St. John's Sq.
*Jones, Richards, & Budgen, 18, St. Mary St.
Leon, Arthur M., Princes Chmbrs., Working St.
*Lock, W., 113, Broadway, Roath
† Moses, J., Parry, Queen Chmbrs., Queen St.
†*Phillips, J. H., St. John's Chmbrs.
*Richards, S. W., 9, Church St.
*Rooney, S., Cefn Mably Chmbrs.
*Rowlands, Margrave, & Sweet Escott, Prudential Bldgs.
*Samond, D. C., C.E., A.M.I.C.E., 7, Windsor Pl.
*Seddon & Carter, Bank Bldgs., St. Mary St.
*f.*Seward, Edwin, Queen Chmbrs., Queen St.
*a**Taylor, Charles, 22, Duke St.
Teather, H., 65, Alexandria Rd.
†*Thomas, Geo., F.S.I., Queen's Chmbrs., Queen St.
*a**Vaughan, Edwin M.B., Borough Chmbrs.
*Veall, F. J., & Saint, J. A.†, 6, Arcade Chmbrs., High St.
*Waring, Thos., & Son, 1, Charles St.
†*Williams, E. Jenkin, 14, High St.

CARDIGAN.

Davies, T., Zoar Cottage, Cenarth, R.S.O.

CARMARTHEN.

*Morgan, Geo., & Son†, 24, King St.
*Morgan, John, 8, Mansel St.
*Thomas, E. Gwynne, 4, Queen St.

CARNARVON.

*Evans, Evan, A.M.I.C.E. (County Surveyor), 8, Castle St.
*Jones, R. L., C.E., 15, Gelert St.
*Jones, Rowland L., 14, Market St.

COLWYN BAY.

*Booth, Chadwick, & Porter, Municipal Bldgs.

DENBIGH.

*a**Lloyd-Williams, R., Park Lane, (County Surveyor)

FLINT.

*Bibby, Peter, Canada House

HAVERFORDWEST.

†*Reynolds, T. P., High St.
*Thomas, D. E., 8, Victoria Pl.
a Thomas, A. H. (County Surveyor), St. Thomas Green

KNIGHTON.

*Gough, Thomas, Grove Villa

LLANDAFF.

*Halliday, G. E., The Hermitage
Pickard, Henry

LLANDILO.

†*f.*Jenkins, D., 2, Abbots Hill
Jones, J. W., & Jas., Gwily House

LLANDRINDOD WELLS, R.S.O.

*Deakin, A. B., & W. Scott (†)
Roberts, O. M. (†), & Son (†)

LLANDUDNO.

†*Humphreys, G. A., A.R.C.A., Mostyn Estate Office
*Marks, Thos. T., A.M.I.C.E., Llewellyn Chmbrs.
Nelson, Benj., C.E., Cloverly Lodge
*Turner, Edwin, Trinity Sq.

LLANDYSSUL.

*Davies, D., Pencrhiwllan

LLANELLY.

†*Arnold, T., A.M.I.C.E., M.I.M.E., Castle Bldgs.
*Davies, J., & Son (†), A.M.I.C.E., Cowell House
*Griffiths, Wm., F.S.I., Goring Rd.
†*Jones, D. Pugh, P.A.S.I.
†*Morgan, J. B., New Rd.
*Wilson, J., & Moxham†, Stepney St.

LLANFAIR P.W.L.L., Anglesey.

Jones, W. E., F.S.I., Anglesey Estate Office, Graig

LLANGOLLEN.

Davies, John, Green Villa

LLANIDLOES.

*Powell & Grant, F.S.I.

LLANTRISANT, Glamorgan.

a Williams, Robert

MENAI BRIDGE.

*Owen, Jos., Bulkeley Sq.
†*Thomas, [illegible]

MERTHYR TYDFIL.

*James & Morgan, Market Square Bldgs.
*Williams, John, Morgan Town

MILFORD HAVEN.

*Gaskell, J. B., A.M.I.C.E.
*Reed, Alexander, C.E.
*Wood, J. W., Hamilton Terrace

MOLD.

*Aydon, Isaac, 1, Cunliffe St.
Bellis, F., High St.
*Roberts, A. B., Gwysaney Estate Office

MOUNTAIN ASH.

*Morgan, Elford, & Kenshole, Maesy [illegible]

NARBERTH.

*Thomas, J. M., Rock House

NEATH.

*Campion, C. W., 103, London Rd.
†*Davies, David M., 58, Water St.
*Jones, E. C. (B.S., A.M.I.C.E.), Museum Chmbrs., 44, [illegible] St.
Jones, Saml. Cyn., C.E., Great Western Chmbrs.

NEWTOWN.

Jones, Edward, & Son, Severn Pl.
*Parke, E., Bank Chmbrs., High St.
*Swettenham, W. N., M.I.C.E., F.S.I., High St.

PEMBROKE DOCK.

*Ladd, J. E. P., Main St.

PENARTH.

Carter, J. Coates, 26, Windsor Rd.
†*Cornish, H., 8, Windsor Rd.
†*Snell, H., A.M.I.C.E., 8, Stanwell Rd.

PENTRE, near PONTYPRIDD.

*Rees, J., Hillside Cottage

PONTLOTTYN, via CARDIFF.

Davies, Aaron & Son

PONTYPRIDD.

*Evans, Arthur O., C.E., F.S.I., Post Office Chmbrs.
*Griffiths & Jones†, P.A.S.I., Market Sq. Chmbrs.
Lloyd, James, 140, Wood St.
†*Phillips, Thos. R., Old Bank Chmbrs., Market St.
Richards, T. R., Ty ar Y Graig, Pentrebach
Rowland, Thomas, Market Bldgs.

PORTH.

*Jones, Edwin, East View, Cymmer

PORT DINORWIC.

Williams, R. H.

PORT MADOC.

*Roberts, O. M., & Son, 14, Bank [illegible]
*Roberts, T. (A.M.I.C.E., F.S.I.), & Son (A.M.I.C.E.), 120, High St.

PORT TALBOT.

*Rowlands, Margrave, & Peacock
*Thomas & James, Plough Terrace

PRESTATYN, near RHYL.

*Davies, J. H., & Sons

RHAYADER.

*Smith, Telfer, The Firs
*f.*Williams, S. W., F.S.I. (County Surveyor), Penralley House

RHYL.

Hughes, Richard E., 10, Abbey St.

ST. DAVID'S R.S.O.

*Williams, Wm. Watts, Old Cross

SWANSEA.

Bucknall, A., Worcester Pl.
*Jones, J. P., Rowlands, & Margrave, 58, Wind St.
*Martin, F. P., Northampton Chmbrs.
†*[illegible] H. C., [illegible]
*Thomas, John M., [illegible]
Williams, W. Watkin, 44, Bryn-y-nawel Terrace
Wilson (*J*) & Moxham,* (†) 16, Castle St.

TENBY.

*Rogers, T., & Son, Warrant St.

TONYPANDY, Pontypridd.

*Griffiths & Jones, P.A.S.I., Town Hall Chmbrs.

TREORCHY.

*Morgan, J., Stag Hotel, High St.

WELSHPOOL.

*f.*Spaull, W. H. (Diocesan Surveyor), Bridge House, Severn Rd.

WREXHAM.

*Baugh, Alfred C., Egerton St.
*a**Gummow, Michael J., Regent St. and Salisbury Park
†*Jones, E., 12, Temple Row
*Lush, J. E., 6, Temple Row
[illegible] (*f*) & Barker, [illegible] Avenue
Morison, John, & Son, 10, King St.
†*Swainson, J. H., M.S.I., A.M.I.C.E., The Cottage, Holt St.

Ireland.

f BEFORE *a name denotes Fellow of the Royal Institute of British Architects.*

a BEFORE *a name denotes Associate of the Royal Institute of British Architects.*

f AFTER *a name denotes Fellow of the Royal Institute of Architects, Ireland.*

a AFTER *a name denotes Member of the Royal Institute of Architects, Ireland.*

† *Denotes Member of the Society of Architects.*

* *Denotes Surveyor.*

ARMAGH.

Dorman, R. H. (County Surveyor
Fullerton, J. F. (*f*)

BALLINASLOE

Kempster, J. F., C.E.

BALLYCASTLE, Co. ANTRIM

M'Kennan, J. (*a*)

BALLYMENA

Boyd, A., B.E., M.S.I., 48, Church St.

BELFAST

*Batt, W. (*a*) Garfield Chmbrs., Royal Avenue
Bell, Joseph, 50, Royal Avenue
Boyd, J. (*a*), 40, Brookvale Avenue
Bryne, E. & J., 4, Waring St.
*[illegible], 15, [illegible]
Close, S. P., (*f*) A.R.H.A., 53, Waring St.
Cooper, David M., Upper Newtownards Rd., Bloomfield
*Cooper, S.M., C.E., A.I.C.E., 10, [illegible]ester St.
Cowan, P. C., M.I.C.E., 44, Upper Arthur St.
Craig, Vincent (*a*), 5, Lombard St.
*Fennell, W. J. (*a*), 11, Chichester St.
*Ferguson, G. W., Avenue Chmbrs., [illegible] Avenue
[illegible] Chmbrs., 74, Royal Avenue
Jackson, A. T., Plough Chmbrs., Corn Market
Lanyon, J., M.I.C.E., Northern Bank Chmbrs., Royal Avenue
Lockwood, F. W., 16, Waring St.
Lynn, W. H. (*f*), 20, Cullander St.
MacAlister, Alex. & Son, 5, Clarendon Place, May St.
Marsh, J. C., 107, Donegall St.
*M'Donnell, J. J. (*a*), 27, Chichester St.
*[illegible], A.M.I.C.E., M.S.I., [illegible]
O'Shea, John J., 13, Chichester St.
[illegible]
[illegible]
Seaver, H., B.E., 128, Royal Avenue
Stevenson, S., 83, Royal Avenue
*Sykes & Roome, C.E., Whitehall Bldgs., Ann St.
Tate, A. (*f*) Whitehouse
Tilley, J. W. E., B.A., Post Office Chmbrs., Royal Avenue
*Ward, F. E., 4, College St.
Watt, R. (*f*), B.E., 77A, Victoria St.
Young & Mackenzie, 7, Donegall St.

CLONMEL

*†Faylo, Edwin, 4, Jervis Place

COLERAINE

*Given, W., & M., Diamond

CORK

*H[illegible]essy, M. A. (*a*), M.I.C.E., [illegible] Chmbrs., 68, South Mall
f Hill, Arthur (*a*), B.E., 22, George[illegible]
[illegible]
f Hynes, S. F. (*f*), 41, South Mall
†McMullen, J. F., M.I.C.E., I., [illegible] South Mall
†Walker, Robert, 17, South Mall

DOWNPATRICK

*Cowan, P. C., M.I.C.E., County Surveyor

DROGHEDA.

*Butterley & Turley, 83, West St.
*Scott, A. & Son, 16, William St.

DUBLIN

Ashlin, G. C. (*f*), R.H.A., [illegible] Lower Merrion St.
Ashworth, Chas. H. (*a*), A.I.C.E., I., 42, Dame St.
Barrington, W., 9, Hume St.
Beardwood, W. H. (*a*), 192, Great Brunswick St.
Beater, G. P. (*a*), C.E., 17, Lower Sackville St.
[illegible]rke, W., C.E., 57, Mountjoy St.
Butler, F. A. (*a*), 5, St. Stephen's Green
Bryne, W. H. (*f*), 20, Suffolk St.
Campbell, John C., C.E., 1, Garville Avenue, Lower Drumcondra [illegible]
[illegible]
[illegible] Works
[illegible]
Comber, P. F., M.I.C.E., I., 8, Anglesea St., College Green
Deane, L. E. H. (*a*), Local Government Board
[illegible] Upper Merrion St.
Dillon, Jas., C.E., 36, Dawson St.
Doolin, Walter G. (*a*), M.A., B.E. Dawson Chmbrs., 12, Dawson St.
f Drew, T. (*f*), R.H.A., 22, Clare St.
*Dudgeon, A. 27, Rutland Sq.
Farrall, J. J. (*a*), 6, Westmoreland St.
Freeman, D. H., 5, Lower Merrion St.
[illegible], Sun Chmbrs. 10-12, Trinity St.
Fuller, J. F. (*f*), F.S.A., 179, Gt. Brunswick St.
Geoghegan, C. (*f*), 89, Pembroke Rd.
Hague, W. (*f*), C.E., 50, Dawson St.
Holloway, Jos. (*a*), 21, Northumberland Rd.
*Lowe, Stewart & Son, C.E.s, 62, [illegible] St.
McCarthy, C. J. (*f*), Municipal Bldgs. City Architect
McCormac, Chas., 18, Windsor Rd. Upper Rathmines
M'Donnell, L., Dawson St.
f Millar, R. C. (*f*) & Symes, 186, Great Brunswick St.
[illegible]chell, W. M. (*f*), 10, Leinster St.
Moran, Andrew J., 207, Great Brunswick St., and 3, Fitzgibbon St.
† Morley, Frederick, & Son, C.Es., [illegible]
Moyers & Son, C.E., 1 and 2 Foster Pl.
f Murray, A. E., A.R.H.A., 37, Dawson St.
O'Callaghan, J. J., (*f*), 16, Nassau St.
Orpen, R. C. (*a*), B.A., 7, Le[illegible] St.
a Orr, C. (*a*), 57, Upper Sackville St.
Owen, C. A. (*a*), B.A., 16, Molesworth St.
Parry, W. Kaye (*f*), M.A., B.E., A.M.I.C.E., I., 35, Dame St.
f Pentland, J. H. (*a*), B.A., B.E., Office of Public Works.
Shaw, J. Hampden, Westmoreland St.
Stirling, Robt. J., M.A., B.E., Nassau St.
†*Stirling, W., C.E. (*f*), 3, Molesworth St.
Swan, Richd. S. (*a*), 63, Grosvenor R[illegible]
W[illegible], W. J. (*f*), Prison's Brd.
[illegible] J. C. (*a*), 3, Molesworth St.
Wilson, W. C., 130, Connell Avenue

DUNDALK.

Cahill, Peter, C.E., Seatown Pl.
Logan, R. P. T., M.I.C.E., Francis St.

ENNIS, Co. CLARE.

†O'Connel, John, C.E., Church St.

ENNISKILLEN

Elliott, T., 37, Darling St. [illegible] Surveyor,

[illegible]

*Coghlan, J. J., C.E.
Hamilton, Thos. T., University Rd.

GARVAGH

*McCay, S., B.E., Mount Pleasant

INNISHANNON

Payne, Sinclair, Upton House

LIMERICK

Barrington, W., Clare Chmbrs., 10, George St.
Browne, Jas. J. F., 23, Glentworth St.
Corbett, W. E. (*a*), C.E., 28, Glentworth St. [illegible]
[illegible]
[illegible] Mallow St.
O'Ma[illegible] J., B.A., B.E., 1[illegible], [illegible]worth St.
Slade, M. G., C.E., 9, The Crescent

LONDONDERRY

[illegible]ir, A. C., C.E., 21, Crawford Sq., & County Court House (County Surveyor)
[illegible], C.E., 33, [illegible]
Ferguson, J. G., & Son, C.E., 20, Pump St.
*McElwee, W. (*a*), Commercial Bldgs., Foyle St.
*M'Neilage, E., Waterloo Place, & 32, Marlborough St.
*Pinkerton, Wm. E. (*a*), 8, Diamond

LONGFORD.

[illegible]nnis, J. W., C.E. (County Surveyor)

NAVAN.

*Scott, A., & Son, Ludlow St.

NEWCASTLE WEST, Co. Limerick.

Leahy, Jas., C.E.

NEWTOWNARDS, Co. DOWN

Chappell, H. (*a*), M.I.C.E., I.

RATHGAR.

*M[illegible] Jos., C.E., 19, Rathgar Avenue

WARRENPOINT, Co. [illegible]

*Watson, W. J. (*a*), F.S.I., Aughavilla Lodge

Names and Addresses of Architects received too late for Classification in the Foregoing.

LONDON.

Ballantine, Thos., 80, York St., Westminster, S.W.
Barlow, A. G., 68, Lincoln's Inn Fields, W.C.
[illegible]atterton, Fredk., 14, Hammarton Rd., N.
*Goodwin, W. Duvall, 14, Hatton Garden, E.C.
*Hennell & Son (*a*), 8 and 9, Essex St., Strand, W.C.
Martin, G. D., F.S.I., 3, Pall Mall, East, S.W.
S[illegible]s, Francis (*a*), 16, Red Lion Sq., W.C.
Webb, Philip, 1, Raymond Bldgs., Gray's Inn, W.C.

SOUTH SHIELDS

Small, Horace H., Harton Colliery

CORRECTIONS.

LONDON.

Cash, John, 5[illegible], Buckingham Rd., Harlesden, N.W., to read 28, Newman St., Oxford St., W.
[illegible] Buckingham St., [illegible]d, W.C., to read 16, Red Lion Sq., W.C.
[illegible] J., 11, Argyle St., W., to [re]ad 51, Conduit St., W.
Martin & Purchase, 11, Queen Victoria St., E.C., to read Purchase, —, 11, Queen Victoria St., E.C.
Ruddle, D., "Glenhaven," Shrewsbury Rd., Stonebridge Park, N., to read 9, Fairlight Avenue, Harlesden, N.W.
Redfern, Harry, Birkbeck Avenue, Acton, W., to read 86, York St., Westminster, S.W.
[illegible], A. (F.S.I., M.S.I.) & C. F., 48 and 50, Howland St., Fitzroy Sq., W., to read 6, Newman St., Oxford St., W.

2. Ecclesiastical Surveyors.

(Appointed under the Ecclesiastical Dilapidations Act, 1871.)

Those marked (*) are Members of the Ecclesiastical Surveyors' Association.

DIOCESE OF BANGOR

Gregory, P. S., High St., Bangor.

DIOCESE OF BATH AND WELLS.

*Hippisley, E., Wells (No. 1 District).
*Wainwright, C. B., Shepton Mallet (No. 2 District).
*Samson, C. H., F.R.I.B.A., The Laurels, Taunton (No. 3 District).

DIOCESE OF CANTERBURY

*Day, R. Philip, 20, John St., Adelphi, London, W.C.

DIOCESE OF CARLISLE.

Webster, Alexander, Kendal.
Ormiston, A., Carlisle.
Wadham, Walter, F.A., Millwood, Dalton-in-Furness.

DIOCESE OF CHESTER

Boden, W. M., Saighton Lodge, Chester.

DIOCESE OF CHICHESTER

*Ridge, Lacy W., F.R.I.B.A., 5, Verulam Buildings, Gray's Inn, London, W.C.

DIOCESE OF DURHAM

*Potts, Joseph, 57, John St., Sunderland (Archdeaconry of Durham).
*Moscrop, W. J., F.R.I.B.A., Feethams, Darlington (Archdeaconry of Auckland).

DIOCESE OF ELY

*Fawcett, W. M., M.A., F.S.A., F.R.I.B.A., 1, Silver St., Cambridge.
*Highton, George, F.R.I.B.A., 5, The Crescent, Bedford.
*Borrison, Ernest, Huntingdon.

DIOCESE OF EXETER

*Harbottle, E. H., County Chambers, Exeter (Archdeaconry of Exeter).
*Smyth-Richards, G. C., Barnstaple (Archdeaconry of Barnstaple).
Andrew, J. M., Ridgway Plympton, Devon (Deaneries of Plympton, Tamerton, Tavistock, and Okehampton, in the Archdeaconry of Totnes).
*Rowell, William, 10, Devon Square, Newton Abbot (Deaneries of Woodleigh, Totnes, Ipplepen, and Moreton, in the Archdeaconry of Totnes).

DIOCESE OF GLOUCESTER AND BRISTOL.

*Waller, F. W., F.R.I.B.A., 17, College Green, Gloucester (Diocese of Gloucester, except the Deaneries of North and South Hawkesbury).
*Ponting, C. E., F.S.A., Lockeridge, Marlborough (Diocese of Bristol, and the Deaneries of North and South Hawkesbury).

DIOCESE OF HEREFORD.

*Nicholson, Thomas, F.R.I.B.A., Hereford (Archdeaconry of Hereford).
*Oswell, A. E. L., A.R.I.B.A., Dana Chmbrs., Castle Gates, Shrewsbury (Archdeacon of Ludlow).

DIOCESE OF LICHFIELD

*Lynam, C., F.R.I.B.A., Stoke-on-Trent (Archdeaconry of Stoke-on-Trent, and part of Archdeaconry of Stafford).
*Veall, J. R., 84, Darlington St., Wolverhampton (Part of Archdeaconry of Stafford).
*Joyce, Nicholas, Stafford (Part of Archdeaconry of Stafford).
*Treasure, H. H., 16, Chester St., Shrewsbury (Archdeaconry of Salop).
*Oswell, A. E. L., A.R.I.B.A., Dana Chmbrs., Castle Gates, Shrewsbury (Archdeaconry of Salop).
*Peake, Harold J. C., Ellesmere, Shropshire (Archdeaconry of Salop).

DIOCESE OF LINCOLN.

*Goddard, Henry, Lincoln.
*Kirk, Herbert, Sleaford.
Scaping, Herbert C., Grimsby.
Traylen, J. C., A.R.I.B.A., Stamford.
*Wood, A. Colpoys, A.R.I.B.A., 6, Watergate, Grantham.

DIOCESE OF LIVERPOOL.

*Bradbury, G., 14, Cook St., Liverpool.

DIOCESE OF LLANDAFF.

Halliday, Geo. E., 14, High St., Cardiff and Llandaff (Archdeaconry of Llandaff).
Seddon, John P., Bank Bldgs., St. Mary St., Cardiff (Archdeaconry of Monmouth).

DIOCESE OF LONDON

*Hills, Gordon M., A.R.I.B.A., 4, Adam St., Adelphi, London, W.C.

DIOCESE OF MANCHESTER

*Freeman, R. Knill, F.R.I.B.A., 17, Wood St., Bolton.

DIOCESE OF NEWCASTLE

*Hicks, W. Searle, 42, Grainger St., Newcastle-upon-Tyne (Archdeaconry of Northumberland).
*Plummer, Arthur B., F.R.I.B.A., 13, Grey St., Newcastle-on-Tyne (Archdeaconry of Lindisfarne).

DIOCESE OF NORWICH

*Green, H. J., A.R.I.B.A., 31, Castle Meadow, Norwich.
*[illegible] F., 32, Museum St., Ipswich.
*Lacey, A. J., 6, Upper King St., Norwich.

DIOCESE OF OXFORD

Rolfe, C. C., Holywell Fort, Church St., Holywell.

DIOCESE OF PETERBOROUGH.

*Townsend, H. M., A.R.I.B.A., Cross St., Peterborough (Southern Division of the Archdeaconry of Northampton).
Traylan, J. C., A.R.I.B.A., Stamford (Northern Division of the Archdeaconry of Northampton, which includes the County of Rutland.
*Draper, Arthur Thomas, F.S.I., Leicester (Archdeaconry of Leicester).

DIOCESE OF RIPON.

*Chorley, C. R., F.R.I.B.A., Headland Bldgs., 15, Park Row, Leeds.
*Moscrop, W. J., F.R.I.B.A., Feethams, Darlington.
*[illegible], E. Pearson, F.S.A., 10, The Exchange, Bradford.

DIOCESE OF ROCHESTER

*Hills, Gordon M., A.R.I.B.A., 4, Adam St., Adelphi, London, W.C.
*Highton, George, F.R.I.B.A., 5, The Crescent, Bedford.

DIOCESE OF SALISBURY

*Harding, John, 51, Canal, Salisbury (Archdeaconry of Sarum).
*Ponting, C. E., F.S.A., Lockeridge, Marlborough (Archdeaconries of Wilts, Dorset and Bristol).

DIOCESE OF ST. ALBANS.

*Chancellor, Fredk., F.R.I.B.A., Chelmsford.
*Hills, Gordon M., A.R.I.B.A., 4, Adam St., Adelphi, London, W.C.
*[illegible], 22, St. Paul's Churchyard, London, E.C.
*Dampier, E. J., 40, Head St., Colchester.
*Thurnall, J. E., Royston.

DIOCESE OF ST. ASAPH

*Jones, [illegible], 12, Temple Row, Wrexham (Archdeaconry of St. Asaph).
Spaull, W. H., F.R.I.B.A., Willow St., Oswestry (Southern portion of Diocese).

DIOCESE OF ST. DAVID'S.

Williams, Wm., Talbot House, Church St., Brecon.
*Owen, T. Rule, Haverfordwest.

DIOCESE OF SOUTHWELL.

*Currey, Percy H., Market Place, Derby.
*Wigram, John, South Collingham, Newark.
*Sanders, W. B., 2, Cathcart Road, South Kensington, London, S.W.
*Shaw, John, The College, All Saints, Derby.
*Naylor, J. Reginald, F.R.I.B.A., Old Bank Chmbrs., Irongate, Derby.
*Evans, Robert, F.R.I.B.A., Eldon Chmbrs., Wheeler Gate, Nottingham.

DIOCESE OF TRURO.

Strong, J. M., St. Stephen-by-Launceston (Archdeaconry of Bodmin).
Carah, William, Praze, Camborne (Archdeaconry of Cornwall).

DIOCESE OF WAKEFIELD

*Watson, William, Barstow Sq., Wakefield.
*Jackson, Ben W., 20, George St., Halifax.

DIOCESE OF WINCHESTER

*Barker, A. Rowland, 11, Buckingham St., Strand, London, W.C.

DIOCESE OF WORCESTER

*Willmott, John, 6, Waterloo St., Birmingham (County of Warwick).
Sheppard, L., Sansome Walk, Worcester (Remainder of Diocese).

DIOCESE OF YORK

*Brodrick, F. S., Cogan Chmbrs., Hull.
*Demaine, James, 13, Lendal, York.
*Webster, John D., 21, Church St., Sheffield.
*Lofthouse, R., 52, Albert Rd., Middlesborough.

3. Builders and Contractors.

The following List comprises the Builders and Contractors whose names have been supplied by over 2,000 Architects as Firms who have carried out work under their supervision. In some cases Firms have given lists of works executed which should be a guide to the selection of names when putting out Contracts *No guarantee is given as to the position or qualification of any Firm in the List.*

1. LONDON. 2. PROVINCIAL. 3. SCOTLAND. 4. WALES. 5. IRELAND.

I. London.

Abrams, H., 13 & 15, Canfield Pl., West Hampstead, N W
Abbott, J., 2, Welbourne Rd., Tottenham, N
Acworth, A., 7, Station Rd., South Norwood, S.E.
Adams & Son, King George St., Greenwich, S.E.
Adams, T., Green Lanes Goods Station, G E.R., Wood Green, N.
Adamson & Sons, High St., Putney, S.W., and St Mary's Rd., Ealing, W.
Aird, J., & Sons, Belvedere Rd., S.E.
Aitchinson, T., 181, West End Lane, Hampstead, N.W.
Akers & Co., 13, High St., South Norwood, S.E.
Aldin Bros., & Davies, 39a, Queen's Gate Gardens, S.W.
Aldridge, E., 4, Princeton St., W C.
Allen, F. S., 68, Park Lane, Tottenham, N.
Allison & Foskett, Holly Hill, Hampstead, N W
Almond, J., 269, Fort Rd., Bermondsey, S.E.
Alwin, Jos., 23, Ashmead Rd., St. John's, S.E.
Ambrose, E., 36, High St., Highgate, N.
Anderson, J., 4, Clareville Grove, S. Kensington, S.W.
Andrew & Nansen, 29, Brixton Rd., S.W
Anley, J., 27a, Dalston Lane, N E.
Ansell, C., 14 & 15, Chickley St., York Rd., Lambeth, S.E
Ansell, R., 14 & 15, Edward St., York Rd., S.E.
Aries, S. W., The Atlas Building Works, 243, Upper Richmond Rd., Putney, S.W.
Arundell, P., 838a., Old Kent Rd., S.E.
Ashby Bros., 6, Union Ct., Old Broad St., E.C.
Ashby & Horner, 8, Aldgate, E.
Ashby, W., 148, Leighton Rd., Kentish Town, N.W.
Atherton & Lattis, 71, Chrisp St., Poplar, E.
Aviss, R., & Co., Balt.o Wharf, Putney Bridge Rd., S W
Back, W. H., 179, Belsize Rd., Kilburn, N W
Bailey, A., 20, Madeley Rd., Ealing W
Bailey, W., 4, Marlboro' Grdns., Ealing, W.
Bain, J., Ravenscourt Avenue, King St., West, Hammersmith, W
Balaam Bros., Shenton St., Old Kent Rd., S E.
Ballinger, W., 3, Adelaide Rd., Haverstock Hill, N.W.
Banes, J & H., 142, High St., Camden Town, N W
Barker G., 57, Philpot St., Commercial Rd., E.
Barrett & Power, 12, St. Thomas Sq., Hackney, N E., and 8, Bow Lane, E.C
Barter, W., 155, Ferndale Rd., Brixton, S.W.
Bartholomew & Co., 11, Portman St., Portman Sq., W.
Bassans, J. T., 3, Gloucester St., W.C.
Battley, Sons, & Holmes, 21, Old Kent Rd., S E
Baxter, James, 38, Plashet Rd., Upton, E.
Baylis & Freshwater, 68, Earl's Crt. Rd., Kensington
Bayne & Co., 70, Millbank St., Westminster, S.W.
Beale, G W., Grove House, Cambridge Heath Bridge, N.E
Beaton, W. S., 19, Hindon St., Pimlico, S.W.
Beattie R. P., 191, Victoria St., S.W.
Beck, J., 5, Peel Place, Silver St., Kensington, W.
Beckey, W., 69, Gloucester Rd., Camberwell, S.E.
Beer & Gash, 24, Liverpool Rd., N.
Belham & Co., 155, Buckingham Palace Rd., S W
Bell, G., Tottenham Hale, N
Best, Sidney R., 129, Shardeloes Rd., New Cross, S.E.
Bird, S G., 28a, Upper George St., W.
Bishop & Webb, 30, Romford Rd., Stratford, E.
Blackburn, W., 27, Elliott Rd., Turnham Green, W.
Black, A., & Son, Newport Wks., Perry Vale, Forest Hill, S.E.
Blow, S., 3 & 3½, Royal Mint St., E.
Blyth & Co., 31, Park Ter., Regent's Park, N W.
Bonder, J., 2, Hetley Rd., Shepherd's Bush, W
Bodien, H., 54, Red Lion St., Holborn, W.C.
Boon, M., 171, Cornwall Rd., Westbourne Park, W.
Borrows, John, 71, Essex Rd., Islington, N
Boulton, S. J., 15, Theberton St., Islington, N
Boulter & Lee, Margery Park Rd., Forest Gate, E.
Boulter, W., 251, Romford Rd., Forest Gate, E.
Bovis, C. W., & Co., 1, New St., Dorset Sq., N.W
Bowden Bros., 55, Kilburn Park Rd., N.W.
Bowden, C., & Co., 79, Elizabeth St., Eaton Sq., S.W
Bowles, , 98, Bishops Rd., Paddington, W.

J. & C. BOWYER,
(ESTABLISHED 1860.)
BUILDERS & CONTRACTORS,
WESTOW ST., UPPER NORWOOD, S.E.

Works Executed include—
Penge Vestry Hall, Anerley; Congregational Church Anerley, Wesleyan Chapel, Anerley, Wesleyan Chapel and Schools, Upper Norwood; Tower, Upper Norwood Congregational Church; Tower and Spire Renovation All Saints' Church, Upper Norwood, Christ Church Schools, Upper Norwood; Wesleyan Chapel and

J. & C BOWYER—(*Continued*).
Schools, Roupell Park; Board Schools, Upper Norwood; Additions, Baptist Chapel, Upper Norwood; Congregational Church, Addiscombe; Alterations, &c, Wesleyan Chapel, Addiscombe; Congregational Church Schools, Bromley, St. Mary's Church (Additions), Balham; Wesleyan Chapel and Schools, Streatham; Church of Ascension, Balham; St. Luke's Church, Bermondsey; St. Anselm's Church, Streatham, St. Peter's Church (Additions), Streatham; Alterations, &c., Wesleyan Chapel, Sydenham, Additions, Dulwich Picture Gallery; All Saints' Church, West Dulwich; Additions, Christ Church, Gipsy Hill; St. Mary's Chapel, Brondesbury; Additions, Christ Church, North Finchley, Chelsea Casual Wards, Bromley Wesleyan Sunday Schools, etc., etc., and some Hundreds of Residences under various Architects

Bowyer, J. & S., College Rd., Dulwich, S.E.
Boyce, T., 8, Hart St., Bloomsbury, W.C.
Boyce, Wm., 30, Ingham Rd., West Hampstead, N.W.
Bradley, Wm., Limerston St., Chelsea, S.W
Brading, R. W., 202, South Lambeth Rd., S.W
Bragg & Sons, 66, Robsart St., Brixton, S.W
Braithwaite, T., 318, King St. West, Hammersmith, W.
Brass, W., & Son, 20, Cheapside, E.C.
Bray & Pope, 12, Cambridge Place, Hyde Park, W.
Brazier, A., Perrin Rd., Tulse Hill, S.W
Briant, W. B., 200, Kennington Park Rd., S.E
Bridgman, J., 1½, Guildford St., Grays Inn Rd., W.C.
Bristow, R., & Sons, 35, Red Lion St., Holborn, W.C
Britton, Frederick, Leconfield Works, Leconfield Rd., Highbury N

BROWN & SWEETLAND,
BUILDERS AND CONTRACTORS,
HOLLY PARK, NEW SOUTHGATE.

Works Executed include—
New Southgate, Christ Church and Lecture Hall, £1 900. Messrs. WAUGH & CHAPMAN, C.E., Architects
New Southgate College, £2,460. E. TIDMAN, Esq., C E., Architect.
Leyton, New Post Office for H M. Commissioners of Works, £1,079. H. TANNER, Esq., Architect.
Wood Green, St Michael's Vicarage, £2,524. H. HALL, Esq., Architect.
Palmer's Green, Southgate, Local Board Offices and Works, £4,150. A. R. BARKER, Esq., Architect, C. G. LAWSON, Esq., Surveyor.

Brown & Harris, 24, Devonshire St., Bloomsbury, W C
Brown E., 8, Lupus St., Pimlico, S.W.
Brown, C. E., 95, Wellfield Rd., Streatham S.W
Brown, H., 51, Albion Rd., Stoke Newington, N
Brown, H. A., Junr., Gubyon Avenue, Herne Hill, S.E
Brown, Henry, 1, Inman Rd., Earlsfield, S W
Brown Son, & Blomfield, Essex Wharf, Durward St., Whitechapel, E.
Brown, W., 68, Godolphin Rd., Shepherd's Bush, W
Brown, W., 11, St. Ann's Rd., Tottenham, N.
Brown W G., 125, White Horse Lane, Stepney, E.
Browning & Carhart, 7, Nottingham St., Bethnal Green, E.
[illegible] & Son 42 High St. South Norwood, S.E.
[illegible] Park Saw Mills, [illegible] Green, N
[illegible], Sons, & Co., Ltd., 1, Clement's Inn Strand, W.C.
Bullers, J., George Row, Bermondsey, S.E.
Bunning, J W., & Son, 3, Talfourd Pl., Talfourd Rd., Camberwell, S.E
Bunning & Son, 3, Talfourd Pl., Talfourd Rd., Camberwell, S.E
Burbridge, G & Son., 48, Park Lane, Tottenham N
Burdett & Sons, 9, Spring St., Hyde Park W
Burford & Son, 55, High St., Hampstead, N.W
Burge, C. W., [illegible] Rd., St. John's Wood, N.W
Burman H. & Sons, [illegible] Works, [illegible] St., Kennington, S.E
[illegible] W. J., 18[illegible] Hammersmith Rd., W
Bursil, C J., 16, Dynham Rd., Kilburn, N.W
Burton & Tisdale 72, Cannon Street Rd., E.
Burton, R., 184[illegible], Oxford St., W
[illegible] W. 72[illegible], Kensington [illegible] Rd. W
B[illegible] & Sons, 6[illegible], Regent St., [illegible]ford Sq., W.C
Butland, J 2, Braden St., Paddington, W.
Bywaters G H., & A., 10, King St., Regent St., W
[illegible] W. St. Mary Abbott's Ter., Kensington, W

M. CALNAN & Co.,
BUILDERS AND CONTRACTORS,
238, COMMERCIAL ROAD, E.

[illegible]

New R. C. Schools, "Bartrams," H[illegible]stock Hill, [illegible] £8,000, New Schools, Ilford School Board £6,000, West Ham Union, Additions, £5,000, [illegible] E.C., £2,800, New Institute, [illegible] New R. C. Schools, Melior St. [illegible] £1,200, Additions [illegible] Schools, [illegible] about £10,000 and several others.

Camfield, C John's Avenue, Hendon, N.W
Candler, G. & Son, 258, [illegible] S.W
[illegible] R. W. Hampton [illegible] N
[illegible] S.W
Carpenter, J., 32, Ladbroke Rd., Notting Hill, W
Carter & Wise, Crescent Pl., Fulham Rd., S.W
Carter, J., Warwick House, Dalling Rd., Hammersmith, W
Carter, T. D., & Son, 81, Horseferry Rd., Westminster, S.W
Castle, W & H., 97 & 99, Southwark Bridge Rd., S.E
Cawley, S. & R., 42, Cadogan Ter., Sloane St., S.W
Chafen, S., 21a, Trundleys Rd., Deptford S.E

J.C. CHALKLEY, Builder & Contractor,
42, Grange Road, Bermondsey, S.E.

Recent works executed include—
New premises for Johnson, Cole, Briar and Gordon, £1,300, Warehouse, stables, etc., for W. W[illegible], Esq., £7,000. Add[illegible] Mills, for Messrs Bevingtons & Sons, [illegible]

ARCHITECTS' COM. [illegible]

J C CHALKLEY—*continued*

Esq., Arch[illegible] St. James' [illegible] Archt. [illegible] Messrs. Olney [illegible] Hide and Skin [illegible] Messrs [illegible] Williams, Ford and Griffin [illegible] Alterations and reconstruction of warehouse and offices for Messrs. Eysolt and Co., College Hill, City.

Chamberlen Bros., 182, Hammersmith Rd., W
Chapman, A., 1, Cambridge Terrace, Victoria Rd., Peckham, S.E
Chapman, J., 4, Coolhurst Rd., Crouch End, N
Chapman, W., 36, Black Lion Lane, Hammersmith, W
Chappelow, Geo., 27a, Charles St., Berkeley Square, W
Chapple, G J., 153, Vauxhall Bridge Rd., S.W
Charteris, D., 72, Page St., Westminster, S.W
Chatwin, A., 122, Clarendon Rd., Notting Hill, W
[illegible] Bridge Rd., Stratford, E.
[illegible] & Sons, Crown Works, Haggerston N.E.
Child & Child, 18, Faraday Rd North, Kensington, W
[illegible] H., 76, Shoe Lane, E.C
Child, H. R., 91, Abbey Rd., St. John's Wood, N.W.
Chinchen, F T., Standard Works, Berens Rd., Kensal Green, W
Christmas, E. C., Dartmouth Rd., Forest Hill, S.E.
Christie, J., Richmond Rd., Shepherd's Bush, W
Chubb, F J., 15, St. Andrew's Pavement, Stamford Hill, N
Clark, A. C., 13, Avenue Road, Tottenham, N
Clark C. L., 1, St. Ann's Cottages, North Grove, Tottenham N
Clark, H L 15, Harringay Grove, Hornsey, N
Clarke & Bracey, 64, Coleman St., E.C
Clarke & Mannooch, 6, Great Castle St., W
Clarke Thos., 41, Electric Avenue, Brixton, S.W
Clifton, H. C., 50, Porchester Rd., Bayswater, W.
Close E. M., Longford St., Regent's Park, N.W
Cook, E., 137, Wardour St., W
Cockerell, M., & Sons, 107, & 109, Hammersmith Rd., W
Cosman, B. R., 17, Lawrence Rd., Tottenham, N
Cole & Son, 175, Seven Sisters Rd., N.
Cole, W., 28, Aberdeen Place, Maida Hill, W
Coleman, J K., 120 High St., Poplar, E
Collett, C. B., 12, Hand Court, Holborn, W C
Colley, B., & Sons, 80, 135, & 137, Portland Rd., Notting Hill, W
Colliver, E V., 57, Park Rd., Albert Bridge, S.W

GEO. COLLS,
BUILDER & CONTRACTOR,
Brunswick Place, City Road, N.

SPECIALITÉ—
SHOP FITTINGS AND SHOP FRONTS
FOR ALL BUSINESSES.
AIR-TIGHT SHOW CASES.
Architects' Designs Carefully Carried Out.

Colls & Sons, 2, Coleman St., E.C., & 240, Camberwell Rd., S.E
[illegible], 389, High Rd., Tottenham, N
[illegible] Rd., [illegible] S.E.
Co-operative Builders, Ltd., Burton Rd., Brixton, S.W
Cooper & Holt, 48 to 50, Bunhill Row, E.C
Cooper, H., Gravel Hill, Church End, Finchley, N
Cooper, H., 243, Stanhope St., Hampstead Rd., N.W
Cooper, J., 78, Lebanon Gardens, Wandsworth, S.W
Cooper, Saml., 65, Crystal Palace Rd., East Dulwich, S.E.
Cooper, W., 17, Mortimer St., W

Cope A. Cottage Grove, Stockwell, S.W
Cornish & Gaymer, 7, John St., Adelphi, W.C
Cororthey & Fairbain, 347, Albany Rd., Camberwell, S.E
C[illegible] 45 Pembridge Rd., Notting Hill, W
C[illegible] 2, Newton Rd., Tottenham, N
[illegible] Bros. Bonwell Works, Morpeth St., Bethnal Green, E.
Coulthard, Thos., 113, Eaton Ter., Ebury St., S.W
Courtney & Fairbairn, 347, Albany Rd., Camberwell, S.E.
Cox, C., Ash Grove, Mare St., Hackney, N.E.
Cox, H., 21, Southampton St., Camberwell, S.E.

F. J. COXHEAD,
BUILDER & CONTRACTOR,
LEYTONSTONE, E.

Among the Works Executed are the following:

Enlargement of Church Road Schools, Leytonstone, J. T. Newman, Esq., Archt., £2,500.
New Citadel at Tottenham for the Salvation Army; W. Gilbee Scott, Archt., £1,700.
New Shops, &c. at Walthamstow; W. Gilbee Scott, Esq., Archt., £3,500.
Enlargement of Kirkdale Road Schools, Leytonstone; J. T. Newman Esq., Archt., £9,700.
Home of Industry, London Fields; Geo. Baines, Esq., Archt., £1,700.
Decorations at Christ Church, Woburn Square, W.C., £400.
New Schools at Barking; C. J. Dawson, Esq., Archt., £12,000.
New Infants' School, Stamford Hill, for Tottenham School Board; C. Bell, Esq., Archt., £6,155.
New Barracks at Sunderland, for the Salvation Army; W. Gilbee Scott, Esq., Archt., £3,500.
Detached House, Leytonstone, for Dr. Deane, £1,100.
Enlargement of Canonbury Road Schools, London School Board; T. J. Bailey, Esq., Archt., £12,000.
Cookery Centre, &c., Stanley Street Schools, London School Board, T. J. Bailey, Esq., Archt., £2,300.
Enlargement [illegible] Street Schools, London School Board, T. J. Bailey, Esq., Archt., £2,800.
New Methodist Church, Walthamstow; J. W. [illegible], Esq., Archt., £2,500.
New Presbyterian Church, Leytonstone, W. Wallace, Esq., Archt., £3,500.
Alterations, Baptist Schools, Leytonstone, G. Baines, Esq., Archt., £[illegible]400.
Villas, F[illegible]brook Road, Leytonstone; F. W. Fryer, Archt., £1,900.
New Town Hall and Technical Institute, Leyton J. Johnson, Esq., Archt., £18,500.
4 Villas, Woodford, £3,800, R. C. Murray, Esq., Archt.

Crabb & Son, 100, Brixton Hill, S.W
Craig, T. H., 153, Bow Rd., E.
Craske, C., Sydney St., Chelsea, S.W.
Creaton & Co., 13, Lancaster St., Lancaster Gate, W
Crook, B., 102, Acre Lane, Brixton, S.W.
Crosser, A., 9, Great Sutton St., E.C.
Cruickshank, S., 813, High Rd., Tottenham, N
Crowe, J. G., & Co., Gloucester St., W.C
Cubitt, W., & Co., 258, Gray's Inn Rd., W.C.
Curtiss, W & E., 42, Curzon St., Mayfair, W
Cutting, F. C., 114, Kensington Park Rd., W
Dabbs, W. M., Portland Avenue, Stamford Hill, N.
Davenall, H. G., 49, Roderick Rd., Gospel Oak, N.W
Davenport, Chas., 104, Hammersmith Rd., W
Davenport, Geo., 100, Warner Rd., Camberwell, S.E.
Davis, A. 103, Clarendon Rd., Notting Hill, W
Dawes, F., 47, Peckham Rye, S.E.
Day, Joseph, 58, Pentonville Rd., N
Dearing, C., & Son, 61, Halliford St., Essex Rd., N
Denbeigh, Geo., 182, Upper Thames St., E.C
Dench, E., 120, St. Ann's Rd., Tottenham, N
Densham & Sons, 17, Circus Rd., St. John's Wood N.W
Dent & Hellyer, 21, Newcastle St., Strand, W.C
Devonport, W. J., Rendlesham Rd., Upper Clapton, N.E.
Dewey, W., Waverley Estate, Tottenham, N
Dickeson, J., The Exchange, Balham, S.W
Ditcham, G., 371a, Essex Rd., N
Dixon & Jones, 7, Gray's Inn Rd., W.C

JOHN W. DIXON,
SOUTH GROVE,
HIGHGATE.

Works Executed include—

Highgate Hill Cable Tramway Offices, Chimney Shaft, Furnaces, Pits, etc. Tottenham Lane, N. Fire Station for the Hornsey Local Board. Chalcott Gardens House and Studio for Hal Ludlow, Esq. St. Ann's, Highgate Rise—Mission House and Room. Highgate New Town—St. Ann's Schools, etc., New Class Rooms. North Road, Highgate—Dining and Billiard Rooms, etc., to Morven. Southwood Lane, [illegible] Additions to Harwood House. London [illegible], Highgate. New Laundry Buildings. Houses, New Street, St Martin's Lane. Caretaker's House, Isolation Hospital, Muswell Hill. Additions to Cromeley House, Southwood Lane.—Clock Tower, Broadway, Crouch End. Additions to St. Augustine's Church, Archway Road, Highgate, viz.:—Morning Chapel, North and South Aisles, and Nave. Playgrounds and Boundary Walls, Board Schools, North Hill, Highgate. Business Premises and Dwelling Flats, Little Compton Street, Soho.

In course of Erection—

Additions to Imperial Steam Laundry, Ingestre Road, N.W.—Additions to Stables, etc., Brookfield Stud, for W. Burdett-Coutts, Esq., M.P.

Dixon, W., & Co., Ltd., 31, Westbourne Ter., North, W.
Dobell Bros., 15, Santley St., Brixton, S.W.
Docura, T., & Sons, 114, Balls Pond Rd., N.
Donne, H. W., Hendon, N.W.
Dorking, A., 400, King's Rd., Chelsea, S.W.
Doughty, Wm., 107, Kentish Town Rd., N.W.
Douglas, J., 12, Exhibition Rd., S.W.
Dove Bros., 15, Studd St., Islington, N.
Dove & Beveridge, 131, Euston Rd., N.W.
Dowdall, F., High Rd., North Finchley, N.
Downing, J., 22, Stanley St., Deptford, S.E.
Downs, W., Hampton St., Walworth Rd., S.E.
Dowsing, S., & Sons, 26, Pembridge Rd., Notting Hill, W.
Drew & Cadman, 245&246, High Holborn, W.C.
Drew, Arthur, 16, Camden Rd., N.W.
Drury & Son, 463, Brixton Rd., S.W.
Duffield & Son, Palace Works, Kensington High St., W.
Dunn, A. D., 20, Charterhouse Square, W.C.
Dunn, S. & S., 31, Brewer St., Golden Sq., W.
Durrans, T. H., & Sons, 62a, York Pl., Upper Baker St., N.W.
Eades, W., 5, Lincoln St., King's Rd., Chelsea, S.W.
Eames, Wm., 91, Highgate Hill, N.
Easmo, Wm., 59, Fairfax Rd., St. John's Wood, N.W.
Eaton, A., & Co., 5, High St., Whitechapel, E.
Ebbage, Walter, 145, St. John Street Rd., E.C.
Eddie, Robt., 17, Tyndale Pl., Upper St., N.
Edgar, J., 58, Wimpole St., Cavendish Sq., W.
Edmondson, (Isaac) & Son, 8, The Broadway, Highbury Park, N.
Edwards & Hobbs, Springfield Ter., Willesden Green, N.W.
Edwards & Medway, Doris Works, Doris St., Kensington Cross, S.E.
Edwards, Edward, 120, Leighton Rd., Kentish Town, N.W.
Edwards, J., & Son, Spring Bridge Rd., Ealing, W.
Elkington, T., Stannard Rd., Graham Rd., Dalston, N.E.
Ellis & Co., 40, Botolph Lane, E.C.
Ellis, W., & Son, 144, Cambridge Rd., Bethnal Green, E.
Emmett, Thos., 179, High St., Stoke Newington, N.
Evans, R. & E., 8, Lisford St., Peckham, S.E.
Evans, W., 2, Fulbrook Rd., Upper Holloway, N.
Fairhead, H., 160, Long Lane, Bermondsey, S.E.
Falkner, Hy., 51, Jermyn St., S.W.

J. W. FALKNER,
Builder and Contractor.
OSSORY ROAD, OLD KENT ROAD, S.E.

Recent Works executed include

House, 2, Chelsea Embankment, S.W.: G. Sherrin, Esq., Archt. Warehouses, Great Titchfield Street, and Adam and Eve Court, W.: A. E. Hughes, Esq., Archt. Alterations and Additions, London and Lancashire Fire Office, King William Street; R.

J. W. FALKNER—(*continued*)

Creese Harrison, Esq., Archt. Alterations and Additions, Harley Street, W.; F. M. Elgood, Esq., Archt. Stables, etc., Rutland Gate, W.; Messrs. Douglas & Fordham, Archts. Drainage and Sanitary Works, Danesfield House, Henley, H. Coverdale, Esq., Surveyor. Houses, Leatherhead, Surrey, and Hove, Sussex. Entrance Gates and Piers and Stables, Trosley Towers, Wrotham, Kent: G. Sherrin, Esq., At.

Fearman, H. & F., 11, Charles St., Hatton Garden, E.C.
Finch & Son, Duke St., Grosvenor Sq., W.
Fletcher, W., 59, Cadogan St., Chelsea, S.W.
Flew, J. P., Junr., 156, Earl's Court Rd., S.W.
Floyd & Hayman, Buckingham St., Strand, W.C.
Ford, George, Grove Works, 56, Harleyford Rd., S.E.
Ford, [illegible], 42, Denmark Hill, S.E.
Ford, T., 461, West Green Rd., Tottenham, N.
Fordham, W., & Sons, 56, Hemstall Rd., West Hampstead, N.W.
Forrest, [illegible], Museum Works, Cambridge Rd., [illegible]
Forster, T., [illegible]
Foster, H. S., 7, Tudor St., [illegible]
Foster & Dicksee, Manresa Rd., [illegible]
Foulger, —, 49, Gray's Inn Rd., W.C.
F[illegible], [illegible]fford Cottage, Crown Hill, Upper Norwood, S.E.
Fox, W., Milton House, Anerley Park, S.E.
F[illegible]y, F., & Co., 25, Leinster Ter., Lancaster Gate, W.
Foxley, G., 35 & 37, King St., Regent St., W.
F[illegible], J., 1, Henslowe Rd., Barry Rd., East Dulwich, S.E.
Franklin, J. C., 22, St. John St., E.C.
Freeman, T., 127, Grove Lane, Denmark Hill, S.E.
Friggins Bros., Weston St., Bermondsey, S.E.
Frost, T., 4, Wiltshire Rd., Brixton, S.W.
Fulcher, E., 33, High St., Plaistow, E.
Gardiner, F., 14, East St., Red Lion Sq., W.C.
Garlick & Horton, Ltd., 43, Sloane St., S.W.
Garner, E., 222, St. Paul's Rd., Highbury, N.
Garnham, J., & Sons, Westow St., Norwood, S.E.
Garratt & Son, Old Town, Clapham, S.W.
Gerrard, J., 230, Fort Rd., Bermondsey, S.E.
Gibbin, W., & Son, 21-24, Pickering Place, Westbourne Grove, W.
Gibbons, H., 40, Sussex Pl., Old Brompton Rd., S.W. (Sanitary Engineers)
Gibb, D., & Co., 39, West India Dock Rd., E.
Gibb, W. C., 6, Gloucester Ter., Queen's Gate, S.W.
Gibbs, John, 31, Upper Richmond Rd., Putney, S.W.
Gibbs, W. H., & Co., 5, West Kensington Ter., W.
Giddings & McKenzie, 31, Gt. Ormond St., W.C.
Giles, F., & Co., 50 to 56, High St., Kensington, W.
Giles, G., & Co., 489, Oxford St., W.
Giles, Wm., 12, Alpha Rd., Regent's Park, N.W.
Gillat, Gentry & Co., 7, Red Lion Sq., and 57, Eagle St., W.C.
Gillet, Hy., 5, Leather Lane, E.C.
Gladding, W., 703, Whitechapel Rd., E.
Goad, W. V., 241, Camberwell Rd., S.E.
Godden, S., 43, Upper George St., W.
Godfrey, T., & Son, Evering Works, Evering Rd., Clapton, N.E.
Godley, H. W., 53, Richford St., Hammersmith, W.
Godson, G., & Sons, Pembroke Works, Granville Rd., Kilburn, N.W.
Goodhall, S., 83 & 85, Dynevor Rd., Stoke Newington, N.
Goodman, W., Hartham Works, Hartham Rd., Holloway, N.
Goodwin, Wm., 14, Hatton Garden, E.C.
Gorham, F. J., Point Hill, Greenwich, S.E.
Gough, F., & Co., Church End, Hendon, N.W.
Gould & Brand, 289, High St., Camden Town, N.W.
Grant, F., 65, The Village, Charlton, S.E.
Grant, T., 112, High St., Putney, S.W.
Green & Boxall, 59, Somerset Rd., Tottenham, N.
Green, Geo., Senr., 30, King's Rd., St. Pancras, N.W.
Green, H. F., & Co., 217a, Upper Thames St., E.C.
Green, J., 5, Lausanne Rd., Hatcham, S.E.
Green, T. L., Queen's Rd., Chelsea, S.W.
Greenwood, J., 19, Arthur St. West, E.C.
Gregar, W., & Son, Jupp Rd., Stratford, E.
Gregory, T., & Co., Station Works, Clapham Junction, S.W.
Grey, H. & W., 33, Flask Walk, Hampstead, N.W.
Grosch, J., 22, Overstone Rd., Hammersmith, W.
Grover, John & Son, Wilton Wks., New North Rd., N.
Groves, John, 33, Chesnut Rd., Tottenham, N.
Hackforth & Clark, Bentick St., Cavendish Sq., W.
Hackworth, A., 41, Loudoun Rd., St. John's Wood, N.W.
Haire, J. H., Lansdown Rd., Charlton, S.E.
Hall, Beddall & Co., Pitfield Wharf, Waterloo Bridge, S.E.
Hall Bros., 336a, New Cross Rd., S.E.
Halse, Jos., 41, Filmer Rd., Fulham, S.W.
Ham, J., 71, Denmark Hill, S.E.
Hamlett, F., Cotswold Works, Barking Rd., [illegible] E.
Hammond, W., Yelverton Works, 72, York Rd., Battersea, S.W.
Hardy, E., 213, Globe Rd., E.
Harling, G. N., 79, Brockley Rd., S.E.
Harper, H., The Firs, Tottenham Lane, Hornsey, N.
Harper, W., 83, Jubilee St., Mile End, E.
Harris & Son, 216, Marylebone Rd., N.W.
Harris & Wardrop, 112-114, Walwood St., Burdett Rd., N.W.
Harrison & Spooner, Dowgate Hill, E.C.
Harris, T., 3, Sale St., Paddington, W.
Hart Bros., 16, Gt. Dover St., Borough, S.E.

PERCIVAL HART,
BUILDER AND CONTRACTOR
STATION WORKS
303 & 305, WEST GREEN ROAD,
SOUTH TOTTENHAM, N.

Recent Works Executed include—

Engine House, &c., at Sewage Works, for Tottenham Local Board. W. H. DePape, Esq., Engineer.
Blocks of Shops and Business Premises, West Green Road, Tottenham. Horace Cheston, Esq., Architect.
Alterations and Rebuilding "The Swan," High Cross, Tottenham. J. W. Couchman, Esq., Architect.
Factory at Camden Town, for Geo. Cording, Esq. J. Young, Esq., Architect.
Detached Houses, Bush Hill Park Estate, Enfield, N. Crickmay & Sons, Architects.
Factory and Stables at Camden Town, for J. Perryman, Esq. R. J. Beale, Esq., Architect.
Par[illegible] Christ Church, West Green. G. H. Fellowes Prynne, Esq., Architect.
Forster Road. Making up for Tottenham Local Board. [illegible] stating Business Premises after fire, for the principal Insurance Companies.

Harvey, J., Roehampton, S.W.
Hatfield & Son, 32, King St., Golden Sq., W.
Hawkins & Wright, Liverpool Works, Brooksby St., Islington, N.
Hawkins, J., 21, Winchester Rd., S. Hampstead, N.W.
H[illegible], S. W., 32, Leatherdale St., Mile End, E.
Hawkins, T. G., 26, Mount Pleasant, W.C.
Hawley, W., Kingswood, Philip Lane, Tottenham, N.
H[illegible], S., 4, 3 & 4a, [illegible], S.W.
Havlock, T. W., 219, Ebury St., [illegible], S.W.
Hayman Bros., 15, Gollney Rd., St. [illegible]ark, N.
Hayworth, S., & Sons, 108, High St., Kingsland, N.E.
Head, W. B., & Son, 138, High St., Notting Hill, W.
Heard, A. & Co., 56, Harford St., Mile End, E.
Hearle & Farrow, 229, Cable St., E.
Hearn & Co., 26, Craven Ter., W.
Hebblethwaite, J. & Sons, Cumberland Market, N.W., and 33, New Cavendish St., W.
Heeps, J. W., London Wall, E.C.
Heinemann, C., & H., Ravenswood Rd., Balham, S.W.
Hennah, J. A., 21, Manor Rd., Leyton, E.
Hennessy, W., 10 & 12, Charles St., Commercial St., E.
Heryet, O. J., Blackheath Hill, S.E.
Hewitt & Sewell, 30, Bush Lane, Cannon St., E.C.
H[illegible], T., Lynmouth Rd., Stamford Hill, N.
H[illegible], G., 451, Bethnal Green Rd., E.
Higgs, F. & H. F., Station Works, Loughborough Junction, S.E.
Higgs, J., 100, Clapham Rd., S.W.

Higgs & Hill, Crown Works, South Lambeth, S.W.
Hilder & Edge, Bridle Lane, Golden Sq., W.
Hill Bros., Mitcham Lane, Streatham, S.W.
[illegible]
[illegible] St. [illegible]
[illegible] Hark[illegible] R., Vauxhall [illegible]
Hoare, J., & Son, 74, Blackfriars Rd., S.E.
Hobson, J. D., 7, Duke St., Adelphi, W.C.
Hocking, A. J., & Co., 56, Gt. Queen St. [illegible]
Hocking, Hy., 13 & 14, St. Anne's Ct., Soho, W.
H[illegible] F[illegible], 234, Lewisham High Rd., S.E.
[illegible], & Son, 50, Church St., Greenwich [illegible]
[illegible] F., 5, Coleherne Ter., Earl's Court, S.W.
[illegible] 12 Hyde St., Bloomsbury [illegible]
Holland, J., 163, Brunswick Rd., Poplar, [illegible]
Holland, W. J., 56, Colville Rd., Leyton, [illegible]
Holliday & Greenwood, Loughborough Park Works, Brixton, S.W.
Holliday & Son, High St., [illegible]
[illegible] H. H., [illegible] St., [illegible]

HOLLOWAY Bros.,

Builders and Contractors,

VICTORIA WORKS,

Queen's Road, Battersea,

AND AT

MARMION WORKS,

Garfield Road, Lavender Hill, S.W.

Some of the Chief Contracts carried out—

New Polytechnic Institute, Battersea Park Road, S.W., E. W. MOUNTFORD, Esq., Archt.
Chelsea Public Library, Manresa Road, Chelsea; J. M. B[illegible], Archt.
Municipal Lodging Houses for L.C.C., Parker Street, Drury Lane, W., Messrs. GIBSON & RUSSELL, Archts.
New Schools for the Skinners' Company, Stamford Hill, E. H. BURNELL, Esq., Archt.
New Students' Block and Chapel, Ridley Hall, Cambridge, W. WALLACE, Esq., Archt.
New Vicarage, Christ Church, Westminster; J. P. SEDDON, Esq., Archt.
St. Stephen's Church, Battersea Park Road; W. WHITE, Esq., F.S.A., Archt.
New Residence, Brockenhurst, Hants; W. WHITE, Esq., F.S.A., Archt.
Restoration of St. Paul's Church, Covent Garden; A. J. PILKINGTON, Esq., Archt.
New Congregational Church, Barry Road, Dulwich, W. D. CHURCH, Esq., Archt.
Restoration of Wesley's Chapel, City Road, E. HOOLE, Esq., Archt.
New Business Premises for Bell's Asbestos Co., Ltd., Southwark, T. M. LOCKWOOD, Esq., Archt.
New Business Premises and Stables for Messrs. Maple & Co., Osnaburgh Street; W. WOODWARD, Esq., Archt.
New Warehouses for Messrs. J. Shoolbred & Co., Tottenham Court Road, Messrs. HOVENDEN & BARR[illegible], Archts.
New Business Premises for Peter Jones, Esq., Chelsea, Messrs. PERRY & REED, Archts.
New Business Premises for Messrs. Jones & Higgins, Peckham; Messrs. JARVIS & SON, Archts.
New Wing to the Albemarle Hotel, Piccadilly, Messrs. ERNEST GEORGE & PETO, Archts.
New Steam Laundries for the London and Provincial Steam Laundry Co., at Kilburn and Penge, E. TURNER, Esq., Archt.
Restoration of Devizes Castle, Devizes, Wilts; C. W. DEMPSEY, Esq., Archt.
New Residence, "Elmhurst," Christchurch, Hants, E. P. WARREN, Esq., Archt.
Church of St. Columba, Wanstead Slip, E.; E. P. WARREN, Esq., Archt.
New Rectory, Winfarthing, Norfolk; Z. KING, Esq., Archt.
New Vicarages at Bromley-by-Bow, Walworth, and Peckham; EWAN CHRISTIAN, Esq., Archt.
New Banking Premises for London and County Banking Co., at Limehouse and Westminster, Z. KING, Esq., Archt.
Do. [illegible], Esq., Archt.
Do. at Hanover Square, A. WILLIAMS, Esq., Archt.
New Banking Premises for the Alliance Banking Co., at Battersea, F. PINCHES, Esq., Archt.

HOLLOWAY BROS. [illegible]

New Residence, [illegible], Hants, Messrs. [illegible] & HESKETH, Archts.
Do. Kensington [illegible], Esq., Archt.
New Mineral Water Factory at [illegible], for Messrs. Schweppe & Co., J. SLATER, Esq., F.R.I.B.A., Archt.
New Laundry and Ward Block at the Middlesex [illegible] Wandsworth Common, ROWLAND [illegible]
New Campden Technical Institute, Notting Hill, W. R. PERKINS, Esq., Archt.
Additions to House and New Stabling, at The Grove, Bodfari, N. Wales, W. A. COOMBS, Esq., Archt.
New Free Church at Richmond, T. LOCKE WORTHINGTON, Esq., A.R.I.B.A., Archt.
Additions and Alterations to Foxhill, West Haddon, Northamptonshire, C. W. Stephens, Esq., Archt.
New Fire Brigade Station, Fulham, and Block of Artizans' Dwellings, at Shoreditch and Greenwich, for the London County Council, T. BLASHILL, Esq., Archt.
Two Houses at Blackheath Park, ASTON WEBB, Esq., Archt.
New Presbyterian Church, Finchley, Messrs. CHEESMAN & SONS, Archts.
Additions to the London Fever Hospital; KEITH D. YOUNG, Esq., Archt.
New Riverside Police Station at Blackwall, for the Metropolitan Police Receiver, J. BUTLER, Esq., Archt.; also do. at Croydon.
And numerous other Residences in Town and Country.

Holloway, H. L., Union Wks., Church St., Deptford, S.E.
Holmes, H., White House, High St., Highgate, N.
H[illegible] Villa, Terrace [illegible], S[illegible] N.E.
Holt, [illegible] Brompton Sq., S.W.
Hooper, [illegible], 59, W[illegible] S.W.
Hooper, G., 27, Avenue Rd., [illegible] W.
Hooper, J., 40, Heron Rd., [illegible] Hill, S.E.
[illegible] N.
[illegible] Bros., 61, Gt. Ormond St., W.C.
[illegible], 27b, Whitechapel R[illegible]
[illegible], 205, Vicarage Lane, Strat[illegible]
Horton, C., Goldsworth Works, Wandsworth, S.W.
Horton, Frank, 25, Green Lanes, Stoke Newington, N.
Hosking, G. J., Eagle Works, Upton Lane, Forest Gate, E.
Hoskins, F. C., 1, Tufton St., and 13, Wood St., Westminster, S.W.
Howard & Co., 28 & 29, Russell St., Covent Garden, W.C.
[illegible], 41, Wigmore St., W., & Dartmouth [illegible], Forest Hill, S.E.
[illegible] St. [illegible]
[illegible], 74, High St., Hampstead, N.W.
[illegible], Huddlestone Rd., Willesden Green, N.W.
[illegible], 81, St. John St., Smithfield, [illegible]
Hussey, T., 14, Church St., K[illegible]
Inglish, G., 132, Ladbroke Grove, Notting Hill, W.
[illegible], 78, Wandsworth Rd., S.W.
[illegible], 35, Fairfax Rd., St. John's Wood, N.W.
[illegible], Cambridge St., E.
[illegible] Son, 43 & 44, Stepney High St., E.
[illegible], Isaac, 230, Clapham Rd., S.W.
[illegible] Broadway, Plaistow, E. [illegible] and Sewer Work).
[illegible], 104, Clova Rd., Forest Gate, E.
Jackson, T., 85, Dalling Rd., Hammersmith, W.
Jackson, T. H., Grundy Wks., Grundy St., Poplar, E.

J. JARVIS & SONS,

BUILDERS AND CONTRACTORS,

253, HACKNEY RD., N.E.

Works York Mews, York Street, and "Plevna Works," Columbia Road, E.

ESTABLISHED 1850.

A few London works recently executed —

Bell Punch and Printing Co.'s New Premises, Tabernacle Street, E.C. ERNEST FLINT, Esq., Architect. [illegible]
Warehouses for Keeves & Son, Boundary Street, Shoreditch, [illegible] Architect. [illegible]
Tottenham. Six Houses and Shops, High Road. ERNEST FLINT, Esq., Archt.

J. JARVIS & SONS—*continued.*

45, Great Portland Street, re-building. Messrs. [illegible], Architects.
Extensive Stabling for London Road Car Co., [illegible] Road, N.
Block of Warehouses, Rivington Street. Messrs. ISAACS & FLORENCE, Architects.
Factory, Lion Mills, Hackney Road. Messrs. BRUSHDEN & HENDERSON, Architects. £2,500.
Block of Warehouses, Elder Street, Commercial Street. ERNEST FLINT, Esq., Architect.
Factory, Ravenscroft Street. W. A. FINCH, Esq., Architect. £5,000.
Churches Restored and Re decorated —
St. Paul's, Dalston (C. AUBREY, Esq.
St. Luke's, Old Street (R. P. DAY, Esq.).
St. Peter's, Hackney Road (C. AUBREY, Esq.).
Palmer's Green. House for Colin Doewra, Esq. Messrs. GORDON, LOWTHER & GUNTON, Architects. £4,000.
Extensive Works at Royal Masonic Institution for Boys, Wood Green.
Contractors by Appointment to the London County Council.

Jefferies, J. E., 99, High Rd., Tottenham, N.
Jeffreys, J., 11, Old Queen St., Westminster, S.W. (Heating and Ventilation Engineer)
Jennings, Arthur, 18, Took's Court, E.C.
Jerrard, S. J., & Sons, 40, Loampit Vale, Lewisham, S.E.
Jewell, R. A., 30, North St., Wandsworth, S.W.
Johnson, A. D., 1, Monson Rd., New Cross Gate, S.E.
Johnson Bros., 4, The Mount, Whitechapel Rd., E.
Johnson, Chas., 25, Dalling Rd., Hammersmith, W.
Johnson, G., Regent's Park Rd., Church End, Finchley, N.
Johnson, J. H., 785, Commercial Rd., E.
Johnson, W. & Co., Ltd., Belle Vue Rd., Wandsworth Common, S.W.
Jones & Grove, 16, Stockwell St., Greenwich, S.E.
Jones Bros., 134, High St., Putney, S.W.
Jones, H. J., Spring Bridge Rd., Ealing, W.
Jones, J., 12, Tarling St., E.
Jones, Richards, & Co., 15, Motcomb St., Belgrave Sq., S.W.
Jones, T., Upper Richmond Rd., Putney, S.W.
Joubert & Son, "The Pheasantries," King's Rd., Chelsea, S.W.
Karl, K., 108, High Rd., Lewisham, S.E.
Kearley, C. F., 7b, Bath Pl., Kensington High St., W.
Keen & Son, 309, New Cross Rd., S.E.
Keen, J. E., Adine Rd., Plaistow, E.
Keene, W. H., 23, Ashmount Rd., Tottenham, N.
[illegible] 25 & 2[illegible] Balham High Rd., S.W.
Kerr[illegible] 7, Highgate Hill, N.
Kerr[illegible] & Son, Highgate, N.
K[illegible] W. H. T., 43, Manor Rd., Stoke Newington, N.
Kennard Bros., Lewisham Bridge, S.E.
Kent, G. H., 11, Whitehead's Grove, Chelsea, S.W.
Key[illegible] & Co., 6, Gray St., Manchester Sq., W.
Kiddle, J. V., & Son, 24, Elder St., Norton Folgate, E.C.
Killby & Gayford, 87, Worship St., E.C.
Kimpton, F., 15, Golborne Gardens, N. Kensington, W.
[illegible]
[illegible]
[illegible] 28 [illegible] N.W.
K[illegible], H. A., 8, Little James St., Gray's Inn, W.C.
K[illegible] H., & Co., Worsley Rd., Hampstead, N.W.
K[illegible] H., & Sons, 45, Park Walk, Chelsea, and 14, Fulham Rd., S.W.

LATE FIRM OF

KIRBY AND CHASE,

BUILDERS & CONTRACTORS,

232, Hornsey Rd., N.

Dissolution of Partnership.

[illegible] of Partnership having [illegible]apsed, it is our intention to carry on Separate Businesses.
Mr. George Kirby continues at 232, Hornsey Road, N.
Mr. Geo. Chase, at 16, Alexandria Road, Hornsey, N.

King W., & Sons, 3, Vauxhall Bridge Rd., S.W.
King, W. R., 16, Gt. Alie St., E.
Kinnimmont & Sons, 26, Chilworth St., Paddington, W.
Kipps, S., Long Lane, Bermondsey, S.E.
Kirk, F., 19, Abingdon St., Westminster, S.W.
Knight, J., 2, Marsham St., Westminster, S.W.
Knight, J., 137, Disraeli Rd., Wandsworth, S.W.
Knight & Son, 2, Canrobert St., E.
Knight, S., Lewis House King's Rd., Chelsea, S.W.
Knight & Son, 66, Chesnut Rd., Tottenham, N.
Kydd, J., 116, Hampton Rd., Forest Gate, E.
Laing, D. G., & Son, 2, Duke St., Adelph., W.C.
Laird, J., 2, Horstead, Rd., Catford, S.E.
Lamble, S. R., 15, Rhyl St., Kentish Town, N.W.
Langdale, Hallett & Co., 138, Brompton Rd., S.W.
Langham, J., 45, Eden Grove, Holloway, N.
Langler & Pinkham, Mortimer Works, Mortimer Rd., North Kensington, W.
Larke & Son, 44, Fore St., E.C.
Larter, W., & Son, 76, Little Britain, E.C.
Lascelles, W. H., & Co., 121, Bunhill Row, E.C.
Lathey Bros., St. George's Works, New Rd., South Lambeth, S.W.
Lavington, O. D., 334, Green Lanes, Finsbury Park, N.
Lawrance, E., & Sons, 14-16, Wharf Rd., City Rd., N.
Lawrence, F., Church Rd., Tottenham, N.
Lawrence, W., 10, Tavistock Place, W.C.
Law, T., & Son, 321, Camberwell New Rd., S.E.
Lea, H. & E., 3 & 4, Warwick St., Regent St., W.
Lee, H. S., 221, St. John's Hill, Wandsworth, S.W.
Lees & Hooker, 36, Webber Row, Blackfriars Rd., S.E.
Leney, H., 111, Anerley Rd., S.E.
Leng, Thos. D., 232, Evelyn St., Deptford, S.E., and Czar St. Works, Deptford, S.E.
Leslie, Arthur, 97, Larkhall Lane, Clapham, S.W.
Leslie & Co., St. James' House, Kensington Square, W.
Lewis, F. and G. H., & Co., 26, Kelly St., Kentish Town, N.W.
Liddiatt, J. W., 98 Trinity Rd., Tooting, S.W.
Lidstone, J., & Son, 35-36, Hosier Lane, West Smithfield, E.C.
Lidstone, N., 90, Blackstock Rd., Finsbury Park, N.
Lilley & Lilley, 3, Whitcombe St., W.C.
Lillie, E. J., 97, St. John's Wood Ter., N.W.

HENRY G. LILEY,

Painter and Decorator,

17b, Radnor Place, Paddington, W.

Works executed include—

British Section, Paris Exhibition, 1889. Decoration and fittings, &c., for the British Commission.
Kensington Town Hall. Decorations, &c.
Hughenden Manor. Decorations for the Exors. of the late Earl of Beaconsfield.
Rayors, Penn, Bucks. Decorations, &c., for Sir Philip Rose, Bart.
Park Drive, Huddersfield. Decorations for J. Lemo, Esq.
Compton Hall, Wolverhampton. Decorations for W. Hodson, Esq.
Heywood House, Westbury. Decorations for the Right Hon. Lord Justice Lopes.
8, Porchester Place. Decoration and fittings for C. C. Gooch, Esq.
Church of St. Mary of All Angels, Bayswater, for ... T. T. Curew, Esq., Archt.
Feltham Camps. Decoration for the London County Council. Thos. Blashil, Esq., F.R.I.B.A., Archt.
Trinity Church, Huntingdon. Decorations. F. Tarring, Esq., F.R.I.B.A., Archt.

Lintern, S., 157, Wardour St., Soho, W.
Lister, T., 2, Sandland St., Bedford Row, W.C.
Lister, W. J., & Co., 37, Snow Hill, E.C.
Little & Seneeal, Union Works, Hatton Wall, E.C.
Little, T., 22a, Whitechapel Rd., E.
Lobb, T. J., 313, Portobello Rd., Notting Hill, W.
Longmire & Co., 34, Osnaburg St., Regent's Park, N.W.

Lorden, W. H., & Son, 107 & 111, Trinity Rd., Upper Tooting.
Lovatt, Hy., 35a, Gt. George St., S.W.
Love, R., & Co., 2 & 3, Exeter St., Strand, W.C.
Loving, W., 2, Oxford Rd., Ealing, W.
Lown, R. D., & Sons, 12, Ashbrook Rd., Upper Holloway, N.
Lucas Bros., 37, Gt. George St., Westminster, S.W.
Lusher, A., 13, Willoughby Park Rd., Tottenham, N.
Lyford, George, 256, Uxbridge Rd., W.
McDowall, A. G., Burton Rd., Brixton, S.W.
Macey, J. M., & Sons, Danes House, Wych St., Strand, W.C.
Macfarlane, Bros., 171, Hornsey Rd., N.
Mackley Bros., Fordwych Rd. North, Cricklewood, N.W.

McCORMICK & SONS,

BUILDERS & CONTRACTORS,

34, CANONBURY ROAD, N.

TELEPHONE No. 703.

Recent works executed include

Poplar Public Library, Messrs. Clarkson, Architects. **Business Premises, Guilford Street, W.C.** Messrs. Shoppee, Architects. **St. Matthew's Church Room, Clapton, and Residence Stanmore.** Arthur Mitchell, Esq., Architect. **Several High-Class Residences at Hampstead,** under Horace Field, Esq., Architect. **Works at Brookfield House, for T. McKinnon Wood, Esq., L.C.C.** Roger Field, Esq., Engineer. **Works Hanover Square, for Sir Walter Foster. Works at Grosvenor Square and Brook Street, W.,** under Professor Corfield.

Many Works for London School Board, since 1870. Underground conveniences for Islington and City of London.

McLoughlin, J. A., 60, Camplin St., New Cross Gate, S.E.
McSwiney, W., 84, George St., Portman Sq., W.
Maddison, W. J., Clarkson St., Canning Town, E.
Mallett, H., 233, Clapham Rd.
Mansfield & Son, 165, Upper Thames St., E.C.
Manter, C., 52, Church Rd., Tottenham, N.
Mapplebeck & Gayner, 259, Fulham Rd., S.W.
Marchant & Hirst, 135, Highgate Rd., N.
Marchant, G. C., 24, Seymour St., Euston Sq., N.W.
Marks, W., 252, North End Rd., Walham Green, S.W.
Marshall, R. A., 232, Wandsworth Rd., S.W.
Marshlain, Hy., 1a, Robert St., Bedford Row, W.C.

JOHN MARSLAND,

BUILDER,

1, YORK STREET, WALWORTH, S.E.

Works Executed include—

Day Wards, &c., Rest ... Infirmary; Croydon Town Hall; St. John's Vicarage, Walworth; Chelsfield Church and Schools; All Saints Church, Harlesden; Browning Hall, Walworth; Baptist Schools, Leytonstone; Baptist Chapel, Gunnersbury; Brixton Orphanage Almshouses Crockenhill; Kent W... Lodge, Reigate; Coulsdon Villa; Fordstone, Surrey; Sunday Schools; Cottage Green; Crown Public ...; Leicester Square; School Board for London; Three Schools; Warlingham Church Restoration Warlingham, Surrey.

Martin, Geo., Blissett St., Greenwich, S.E.
Martin, J., Warwick Pl., Maida Vale, W.
Martin, W., 9, Prior St., Greenwich, S.E.
Maskell, R., 189, New North Rd., N.
Mason & Co., 15, Barbican, E.C.
Mason, J. C., 47, Camberwell New Rd., S.E.
Mason, W., Streatham Common, S.W.
Masters, St. Jn. L., Anerley, S.E.
Matthews & Strong, 470, West Green Rd., Tottenham, N.
Matthews, Wm., 9, Victoria Cottages, Archway Rd., Hampstead, N.W.
Mattingley, Thos., Church Rd., Tottenham, N.
Mattock Bros., 219, Isledon Rd., Finsbury Park, N.
Maxwell Bros., Ltd., 308, Brixton Rd., S.W.
Mayhoe, Jas., 74, Shrewsbury Rd., Forest Gate, E.

Mears, Jos., 10, Wetherby Ter., Earl's Court, S.W.
Mellor, J. W., 33, Willes Rd., Kentish Town, N.W.
Middleton, J. W., ..., Tottenham, N.
Miles, Elms Park Rd., Clapham Common, S.W.
Mills, J., Broadwall, Stamford St., S.E.
Mills, W., 4, Ruthin Rd., Westcombe Park, S.E.
Milman, F. W., 29, New Cross Rd., S.E.
Milroy, J., 42, Baker St., Lloyd Sq., W.C.

F. G. MINTER,

BUILDER AND CONTRACTOR,

FERRY WORKS,

Johnson Street, Westminster, S.W.

Some of the Works recently executed—

Additions to Fever Hospital, Fulham, for the Metropolitan Asylums Board; Messrs. A. & C. Harston. Extension of Circus Restaurant and Fittings, for Robt. Willey, Esq., F.R.I.B.A. New Presbytery, Maidenhead, for F. A. Walters, Esq., F.S.A. Decorations and Sanitary Work, for Rowland Plumbe, Esq., F.R.I.B.A. Catholic Schools, Wimbledon; Catholic Church Wimbledon; New Chancel, &c., for F. A. Walters, Esq., F.S.A. Sundry Works for the School Board for London and the London and County Banking Company, Ltd. Residence, Putney Hill, for Alfred Williams, Esq. Stanley Studios, Chelsea, H. Williams Manor, Esq. Residences near Harrow.

Mitchell, E. W., 322, Coldharbour Lane, S.E.
Mitchell, W. J., Lewisham Village, S.E.
Mount, J. H., 5, Vanly St., Finsbury, E.C.
Moody, W. J., 87, High St., St. John's Wood, N.W.
Moon, J., 25, Commercial Rd., Lambeth, S.E.
Moore, Wm., Holcombe Rd., Tottenham, N.
Morgan, A., 132, St. John's Rd., Deptford, S.E.
Morley, J., 151, Brixton Hill, S.W.
Morris & Sons, Park Lane, W.
Morse, John, Finchley Rd., Child's Hill, N.W.
Mortimer, J. E., 19, Maxilla Gardens, North Kensington, W.
Mortimer, W. F., 160, Choumert Rd., Peckham, S.E.
Mowatt, Jas., 101, Clapham Park Rd., S.W.
Mowlem & Burt, 19 & 20, Grosvenor Rd., S.W.
Mowlem & Co., Grosvenor Wharf, Millbank, S.W.
Muncey, F., 1, Cavendish Yard, Hampstead, N.W.
Munday, J. B., 73, Endell St., Bloomsbury, W.C.
Munday & Sons, 8, Savage Gardens, Tower Hill, E.C.
Murgatroyd, Thos., 14, John's Mews, Bedford Row, and 30, Robert St., W.
Myring, J., & Co., 69, Abbey Rd., St. John's Wood, N.W.
Myring, B., & Son, The Broadway, Ealing, W.
Nash & Sons, 100, Kensington Park Rd., W.
Nash, W., 62, Amersham Vale, New Cross, S.E.
Nash, W., 13, Newland Ter., Kensington High St., W.

GEORGE NEAL,

BUILDER AND CONTRACTOR,

27, Chilworth Street, Paddington, W., and Tennyson Works, Willesden Lane.

Works Executed include

New Block of Flats, Priory Mansions, Kilburn, about £5,000, R. D. Hanson, Esq., Architect. The St. Lawrence Institute, Priory Park Road, Kilburn, about £4,500, A. Lett, Esq., Bond Court, E.C., Architect. New Catholic Schools, Kilburn, about £2,000, R. D. Hanson, Esq., Architect. New Block of Shops, West End Lane, about £5,500, Delissa Joseph, Esq., Arch. New School for Christ Church, Brondesbury, about £3,000, C. R. Baker King, Esq., Spring Gardens, Architect. New Club, Paddington Green; Messrs. F. St. Aubyn and Wadling, Architects, the Temple, W.C., about £2,500. Alterations and Decorations at Brandon Park, Suffolk, for the Baron Barretto, Messrs. J. Kingwell Cole and E. S. Mansergh, Archts., about £1,500. New Warehouse, Bateman's Row, Shoreditch. A. Lett, Esq., Archt., about £2,000.

Neave & Neave, 2, Hill Rd., St. John's Wood, N.W.
Neighbour, H., 285, Brixton Rd., S.W.

[illegible] W., 23, Dalling Rd., Hammersmith, W.
[illegible] W., 165, Turner's Rd., Bow, E.
Newman & Co., Beulah Steam Joinery Works, White Hart Lane, South Norwood, S.E.
Newman, W., 3, Bohemia Place, Mare St., Hackney, N.E.
Nichols, J. G., 319, Stanstead Rd., Catford, S.E.
[illegible] "Redcliffe," Grafton Rd., East [illegible]
Nichols, A., 10, Oriel Rd., Homerton, E.
Nichols, J., Hurlington Bldgs., New King's Rd., Fulham, S.W.
Nicholson, Thos., 47, Old Compton St., Soho Square, W.
Nixey, George, Broxholme Rd., Fulham, S.W.
Nixon, Oakfield Rd., Finchley, N.
Noakes, J., 10, Hudson Rd., Canning Town, E.
Noble, R. E., 93, Gloucester Rd., S.W.
Norris, J., 4, King's Rd., Tottenham, N.
Norris, T., 233, Stanhope St., Hampstead Rd., N.W.
[illegible] Manbey Rd., Stratford, E.
[illegible] T. & Son, 11, Frederick St., Stratford, E.
[illegible] W., 42, Sydney St., Chelsea, S.W.
Norton, W. J., 12, Cunningham Rd., Tottenham, N.
Notman, J., 87, Broad Lane, Tottenham, N.
Nottingham, J. W., 22, Kynaston Rd., Stoke Newington, N.
[illegible] E. L., 425, Edgware Rd., [illegible]
[illegible] T., The Green, Ealing, W.
[illegible] & Son, 28, Alderman [illegible]
Oldman, J. & A., 105, New Cross Rd., S.E.
Oldrey, H. B., Albert Wks., High Rd., Kilburn, N.W.
Orfeur, F., 91 & 93, Effra Rd., Brixton, S.W.
Osborn, T., & Sons, 73-75, Lower Thames St., E.C.
Outhwaite, J., & Son, 34, Upper East Smithfield, E.C.
Palmer, W. D., 75, Dulwich Rd., Herne Hill, S.E.
Pank, S. B., Cardigan Rd., Bow, E.
Pappin, John, 1, Lavers Rd., Stoke Newington, N.
[illegible] John, & Co., Craven Rd., Willesden, N.W.
[illegible]ker, E., 71, St. Paul's Rd., Tottenham, N.
Parker, G., 124, Sumner Rd., Peckham, S.E.
Parker, W., 44, May St., W. Kensington, W. Contractor for Drainage
Parkinson & Son, 77, Southampton Row, W.
Parsons & Co., High St., Wandsworth, S.W., and Upper Richmond Rd., Putney, S.W.
[illegible] F. W., 48, Oakfield Rd., [illegible]
[illegible] & Fotheringham, 100 & 102, Theobald's Rd., W.C., & 15, Park St., [illegible]
[illegible], 35, Gt. Ormond St., W.C.
[illegible] 5, Whitehall, S.W.
[illegible]rick & Son, 28, Westminster Bridge Rd., S.E.
[illegible] Winchmore Hill, N. Road and Sewerage Contractor
Payne, C. C., & Sons, 1, Barrington Rd., Crouch End, N.
Payne, George, 67, Friern Rd., East Dulwich, S.E.
[illegible]k, A., 3, Thornbury Rd., King's Rd., Clapham, S.W.
Peacock Bros., 51, Water Lane, Brixton Hill, S.W.
Pearce & Bentley, 644-648, Holloway Rd., N.
Pearce, [illegible], 1, Broughton Rd., Ealing Dean, W.
Pearce, W., 58, Gayton Rd., Hampstead, N.W.
Pearce, W. & F., Gardener's Lane, Putney, S.W.
[illegible] Holly Hill, Hampstead, N.W.
[illegible], 12, Hewitt Rd., Hornsey, N.
[illegible] George, 10, Hartington Rd., South Lambeth, S.W.
[illegible] Co., 154, Great Titchfield St., W.
[illegible] W., 27, Deerbrook Rd., Herne Hill, S.E.
Perry & Co., Tredegar Works, Ordell Rd., Bow, E.
Perryman, G., 5, Park Avenue, Tottenham, N.
Phelps, A., 4, Streatham Place, Brixton Hill, S.W.
Phillips, G., 13, Manchester St., Gray's Inn Rd., W.C.
Phillips, J., 5, Ladbroke Grove, Notting Hill, W.
Phillips, W., & Son, 10, Baker St., W.
Phillipson & Son, 37, Craven Ter., W.
Phillips & Bisiker, 37, Queen's Rd., Bayswater, W.
Picken, W. F., 85, King's Rd., Chelsea, S.W.
Pledge Bros., 7, Beckenham Rd., Penge, S.E.
Plowman, C., Church End, Finchley, N.
Pocock, J., Finsbury Rd., Wood Green, N.
Pointing, James, Mellaville, High Rd., Finchley, N.
[illegible] Son, 70, Millbank St., Westminster, S.W.
[illegible]y, 169, Oxford St., W.
[illegible] T., & Son, 13, St. Alban's Rd., Kensington, W.

ARTHUR PORTER,

Builder & Contractor.

No. 702, HIGH ROAD, TOTTENHAM.

Works executed include—

St. Faiths' Church, Stepney; St. Mark's Church, Bethnal Green; St. Faith's Parochial Buildings, Stepney; St. Mary's Vicarage, Tottenham; St. Matthew's Church Rooms and Dwelling House, Ponder's End; St. John's Church Room, Isle of Dogs; St. John's Addition to Schools, Isle of Dogs; Messrs. J. E. K. & J. P. Cutts, Archts. St. Mary's Church Vestries in Edmonton; St. Mary's Vicarage, Edmonton; Messrs. Douglas & Fordham, Chester, Archts. St. John's Mission Room, Tottenham; St. John's Church Room, Stamford Hill; Spencer W. Grant, Esq., Archt. Alterations to St. Paul's Church, Tottenham; Addition to St. Paul's School, Tottenham; E. B. Ellis, Esq., Archt. Additions to "Martins Heron," Bracknell, for General Milman. New Wards, &c., Hackney Union; Residence at Walthamstow; W. A. Finch, Esq., Archt. Railway Inn, Enfield Lock; Alfred Bowyer, Esq., Archt. Alterations and Renovations to 17 Residences at Hampstead; Wm. Birch, Esq., Archt., Worcester.

Building Phœnix Saw Mills, W. P. English, Esq., Surveyor. Building Tottenham Public Library. Building Addition to Duke of Clarence Public House; Messrs. Edmeston & Gabriel, Archts.

Porter, Geo., 18, River St., Clerkenwell, E.C.
Porter, George, 402, King's Rd., Chelsea, S.W.
[illegible], 2, Shepherd's Bush Rd., Hammersmith, W.
Potton, G., 19, Gainsford St., Horselydown, S.E.
Powditch, J. R., Percy Sq., King's Cross Rd., W.C.
Prestige & Co., Cambridge Wharf, Grosvenor Rd., Pimlico, S.W.
Preston, Wm., 116, Grange Rd., Bermondsey, S.E.
Pritchard & Sons, 29, Steward Rd., Spitalfields, E.
Pritchard & Renwick, 91, Tooley St., S.E.
Pryor, W. A., Kingsgate Pl., Kilburn, N.W.
Pulham & Son, 242, Ferndale Rd., Brixton, S.W.
Quarterman, W. H., 40, Old Broad St., E.C.
Ranger, T. C., 12, Caxton Rd., Shepherd's Bush, W.
Ransome, S. & L. W., Britannia Works, Kensall Rd., Westbourne Grove, W.
[illegible] J. J., & Son, 4, Pont St., Belgrave Sq., S.W.
[illegible] R., 23, Elder St., Norton Folgate, E.C.
Reason, W., 100, St. John's St., Clerkenwell, E.C.
Reddish, W., 148, Clapham Rd., S.W.
Reed, Alfred & Son, Burford Rd., Stratford, E.
[illegible]olds & Co., 40, Duke St., St. Mary Axe, E.C.
Reynolds, F., 276, Camberwell New Rd., S.E.
Rhodes, T. W., 18, Fairholt Rd., Stoke Newington, N.E.
[illegible] D. S., & Son, 16, Stockwell Rd., Clapham Rd., S.W.
Richardson, Bros., 103, London Wall, E.C.
Richardson, J. O., Albert Rd., Peckham, S.E.
Riddle, J., 154, High St., Poplar, E.
[illegible] T., & Sons, 181, Union St., S.E.
[illegible] J., Antill Rd., Tottenham, N.
[illegible] High St., Stratford, E.
Roberts, C. P., 138, St. Paul's Rd., Highbury, N.
Roberts, L. H., & R., 34, Rheidol Ter., Islington, N.
[illegible] R., & Co., 4, Devonshire Rd., [illegible]
[illegible]
[illegible] Earlsfield, S.W.
Robson, Chas., Albion Rd., Lewisham, S.E.

H. ROFFEY,

BUILDER AND CONTRACTOR,

GUILDFORD WORKS, PUTNEY, S.W.

Works Executed include—

STRUCTURAL ALTERATIONS,
SANITARY PLUMBING, AND
HOT WATER WORKS,
&c.

References to Architects and Surveyors if desired.

Ronald, R. S., 36, St. Ann's Hill, Wandsworth, S.W.
Roome, E. A., 8, Coleman St., E.C.
Rose, F. G., Catford Bridge, S.E.
Rowe & Co., 22, Finsbury Market, E.C.
Rowe, W., Lansdowne Rd., Clapham, S.W.
Rugg, Jas., 161, Earl's Court Rd., S.W.
Russell, W. F., 99, Alscot Rd., Bermondsey, S.E.
Sabey, S., & Son, 3, St. Peter's St., Islington Gn., N.
[illegible], 25a, Edwards Sq., Kensington, W.
[illegible] 40 & 42, Turner's Rd., Burdett Rd., E.
[illegible], 33, Roderick Rd., Kentish Town, N.W.
Sanders, Jos., 92, Crawford St., Baker St., W.
Sanitary Construction & Decorating Co., 34, Victoria St., S.W.
Sargeant, J. F., 102, Mare St., Hackney, N.E.
[illegible] Phœnix Yard, Princes St., [illegible] Sq., W.
[illegible] W. J., 5, Cavendish Yard, Hampstead, N.W.
Sawyer, J. W., "Sandgate," 3, Park Hill, Clapham, S.W.
Sayers, Thos., 56, Arabin Rd., Brockley, S.E.
Sayers, W., 86, New Kent Rd., S.E.

Telegraphic Address - "Scharien, London."

SCHARIEN & CO.,

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OFFICES AND WORKS

Trafalgar Square, Brompton, S.W.

Some of the chief Contracts executed—

New Fire Brigade Stations, Kennington, S.E., and Brompton, S.W., for the London County Council, Thos. Blashill, Esq., architect.

Rebuilding 7, Kensington High St., George Edwards, Esq., architect.

Rebuilding the Leicester P. H., New Coventry St., W., for Charles Best, Esq., Treadwell and Martin, architects.

Alterations and additions to 19, Westbourne Grove, for [illegible] Beardall, Esq., Messrs. Treadwell and Martin, architects.

[illegible] and Cadogan [illegible], S.W., J. A. [illegible]

[illegible] for the Free Trade Wharf Company, Ratcliff, E., C. Dunch, Esq., architect.

Alterations and additions to Gooche's Stores, [illegible] St., and [illegible] Rd., [illegible] Edwards, Esq., [illegible]

Extension of the "Maison Nouvelle," Brompton Road, W., and C. A. Bassett Smith, architects.

The following shops for the Aerated Bread Co., [illegible]

[illegible] and 140, Aldersgate St., [illegible] Little Bridge St., George [illegible]

[illegible] for the L. and S. Western [illegible]

Bank Fittings for the Harlesden Branch, Messrs. Edmeston and Gabriel, architects.

[illegible] Messrs. Nicholson's premises, St. Paul's Churchyard, Cheapside and Paternoster Row, Charles Bell, Esq., architect.

Alterations and additions to the following shops for A. Saxdall, Esq.

10, Leicester St. [illegible], Newington Causeway, 104,

SCHARIEN & CO *continued*

Tottenham Court Road, 162, Edgware Road, 18 Holborn, 59 and 60, St. Paul's Churchyard, 13, George St., Plymouth, 4, Milsome St., Bath, 69, High St., Birmingham, 19, Pelham St., Nottingham, 189, High St. and 3 and 4, Queen St., Exeter, 102, Oxford St., Swansea, 6, Gold St., Northampton, G. Edwards, Esq., architect.

New Convent, Harpurhey, Manchester.

New shops at Waterford, Ireland, for Messrs Power Bros.

Three houses at Highgate for Charles Davies, Esq

Alterations and additions to 1, University St. and 160, Tottenham Court Road, for Messrs. Thompson and Co.

Alterations and additions, &c., for Robert Pinder, Esq.

20, Corn Market, Derby, St. Mary St., Cardiff, Exchange Walk, Nottingham, 13 and 14, Temple St., Swansea, 118, High St., Cheltenham.

Alterations and additions to St. Anne's Home, Streatham, for the St. Pancras Guardians, R. H. Bridgman, Esq., architect.

New Infectious Hospital, Mortlake, for the Richmond Rural Sanitary Authority

---

Scholfield, S., 42, Evelyn St., Deptford, S.E.
Scott, A., 22, South Molton St., W
Scott, S. J., 3, Blomfield St., London Wall, E.C
Scowen, W., 21, Essex Rd., Islington, N
Scrivener, W., & Co., 8, Fitzroy Rd., Regent's Park, N.W.
Scudamore, W. J., 1a, Surrey Sq., Old Kent Rd., S.E.
Scurrah, W. A., 22, Gower Place, W.C.
Selby, T. & H., 94, Mare St., Hackney, N.E.
Selway, J., & Sons, 45, Upper Kennington Lane, S.E. (and Decorators).
Sharp, C., 51a, Hillside Rd., Tottenham, N.
Seymour, W., 25, Southville, Wandsworth Rd., S.W.
Sharp, C. S., 91, South Hill Park, Hampstead, N.W.
Sharp, W. J., & Son, 31, Anning St., Shoreditch, E.
Shaw, G., 20, King Edward St., Newgate St., E.C.
Shaw, G., 8, Wigmore St., W

SHEFFIELD BROS.,

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CHURCH ST., STOKE NEWINGTON, N.

Works recently executed include—

"Bricklayers Arms," Battersea, for Messrs. Truman, Hanbury, Buxton & Co. Ltd., Messrs. Williams & Son, Architects. Clock & Watchmakers' Asylum, New Southgate, N., Robert Griggs Esq., A.R.I.B.A., Architect. Large Factory, Bow Common, E., Charles Brown, Esq., Architect. "The Salisbury," Camomile St., E.C., W. H. Fisher Esq., Architect. Shop, Albion Rd., Stoke Newington, H. Edmund Mathews, Esq., Architect. East End Mothers' Home, Commercial Rd., E., Messrs. Walter A. Hills & Son, Architects. "Tenterden Arms," Devons Rd., Bow, E., Bruce J. Capell, Esq., A.R.I.B.A., Architect

---

Shepherd Robt., 2, Orange St., Red Lion Sq., W.C.
Shepherd, W., 66, Bermondsey New Rd., S.E.
Sherwin, H. H., 23 & 24, Gt. James St., Bedford Row, W.C.
Sherwood, Leytonshire Rd., Stratford, E.
Shewry, Wm., Church End., Finchley, N
Shiers, R. & J., 5, King St., Regent St., W
Shipp, H. & Son, 443, High Rd., Tottenham, N
Shurmur, Wm., Riverside Wks., Upper Clapton, N.E.
Simmonds, Bros., 118, Cromwell Rd., S.W
Simmonds, C., Harley Rd., Willesden Junction, N.W.
Simpson & Annett, 5, Church St., Kensington, W
Simpson, J. & Son, 48, Paddington St., W.
Skinner & Sons, Streatham Common, S.W
Slaughter & Son, 10, Sloane St., S.W
Smerdon, R. J., 328, Kentish Town Rd., N.W
Smith & Brown, 30, Western St., Upper Norwood, S.E.
Smith & Co., 39, South St., Grosvenor Sq., W
Smith & Gould, 21, Denmark Rd., Kilburn, N.W.
Smith & Son, Muswell Hill, N
Smith, Frank, Devonshire Rd., Greenwich, S.E.
Smith, G. W., 15, Vicarage St., Stratford, E
Smith, H., & Son, 5, Wetherby Ter., Earl's Court, W

JAMES SMITH & SONS,

Builders and Contractors,

JUNCTION WORKS, S. NORWOOD, S.E.

Recent Works executed include

Premises, Messrs. Grant Bros., High St., Croydon, L. Jones, Esq., Archt. Church, Malvern Link, Messrs. Bucknall & Comper, Archts. Church, Davey Street, Peckham, Walter Planck, Esq., Archt. Friedswide Mission Hall, Poplar; Messrs. F. & C. Clarkson, Archts. New Schools, Fair Street, Horsleydown, S.E.; T. J. Bailey, Esq., Archt. Houses, Streatham Common; E. Guy Dawber, Esq., Archt. Shops, High Street, Croydon, R. W. Price, Esq., Archt. Warehouse and Showrooms, Drury Lane, W.C., Messrs. Read & McDonald, Archts. Church, Red Cross St., Southwark, S.E.; F. A. Walters, Esq., At. Warehouses, Weston Street, Bermondsey; Messrs Elkington & Son, Architects.

Smith, John James, 97, Queen Victoria St., E.C
Smith, W. H., 480, Fulham Rd., S.W
Smith, W., 86, Church St., Camberwell, S.E.
Smith, W., Eldon Wks., Harleyford Rd., S.E.
Snewin Bros., & Co., High Rd., Clapton, N.E.
Snook, Alfd., 71, Liverpool Rd., Islington, N
Soanes, J., & Son, 5, Orde Hall St., W.C.
Soboy, T., 30-34, Lamb's Conduit St., W.C.
Somerford, H., & Son, 138, Manor St., Clapham, and Orpington, Kent.
Soper, R., 117, Tanner's Hill, S.E., and 168, St. John's Rd., Deptford, S.E.
Southcott, Messrs, Southwood Lane, Highgate, N.
Sparkes, John, & Son, 14, King St., Tower Hill, E.C.
Spear, A., 40, Westminster Bridge Rd., S.E.

CHAS. SPRECKLEY & SON,

SHOP-FRONT BUILDERS AND RESTAURANT FITTERS.

Phœnix Place, Calthorpe Street, Gray's Inn Rd., London W.C.

AIR-TIGHT SHOW CASES.

INTERIOR FITTINGS FOR ALL TRADES.

Spencer & Co., 32, Commercial Rd., S.E.
Sprake, Foreman & Son, 16, Pont St., Belgrave Sq., W
S[illegible] E., Rye Lane, Peckham, S.E
Staines & Son, 61, Gt. Eastern St., E.C
Stanford, J., 193, Hither Green Lane, Lewisham, S.E.
Stanley, E. H., 14, Loughboro' Rd., S.E.
Stanley, J. H., [illegible] Rd., Clapham, S.W
Starr & Son, 14[illegible], Brixton Rd., S.W
Starke, [illegible] Albert Embankment, S.[illegible]
Stee[illegible], 76, Chalk Farm Rd., Camden Town, N.W
Steer, A., Crescent Rd., South Norwood, S.E.
Stevens Bros., Yonge Park, Seven Sisters Rd., and 33, Crouch Hill, N
Stevens, G., 37, Lingham St., Stockwell, S.W
Stevens, T., 45, South Molton St., W
Stevenson, Thos., 6, Sheldon St., Paddington, W.
Stewart, J., 174, West Green Rd., Tottenham, N
Stickley, A., 101, Chesnut Rd., Tottenham, N.
Stimpson & Co., 78, Brompton Rd., S.W
Stone, B., Strode Rd., Fulham, S.W
Stonnell, J., Park Hall Villas, East Finchley, N
Styles & Son, 2, Market St., Jermyn St., S.W.
Sumner, W. J., & Co., 4, Blackburn Rd., West Hampstead, N.W
Swan, E., 256, North End Rd., Fulham, S.W
Sweet, Wm., Loveridge Mews, Loveridge Rd., Hampstead, N.W
Sykes & Son, 9, Essex St., Strand, W.C.
Sykes, A., Perry Hill, Catford, S.E.
Tarrant, Fred., Albion Works, Talmar Rd., Camberwell, S.E.
Tavener, C., & Son, 8, St. John's Wood Ter., N.W.

Taylor & Son, 59, Rhode St., St. James' Rd., Holloway, N.
Tennant, H., 66, Portobello Rd., Notting Hill, W
Tennant, (Isaac) & Co., Willesden Green, N.W.
Thom, Wm., 40, First St., Chelsea, S.W.
Thomas, T., 56, Black Lion Lane, Hammersmith, W
Thomerson & Sons, 283, Hackney Rd., N.E.
Thompson, W., 73, Heath St., Hampstead, N.W.
Thrum, R., Finchley Park, North Finchley, N.
Tinckham, P., 53, Brewster Gardens, Notting Hill, W
Tinson, E., 169, Warwick Rd., Kensington, W
Titmas & Sons, Grafton St. East, Tottenham Court Rd., W
Todd, G. E., 192, Hackney Rd., and 3, Hassard St., Hackney Rd., N.E.
Tomes, W., 6, The Grove, Hammersmith, W
Toms, E., Gloucester Works, 31, Wellington St., Camden Town, N.W
Toten, W. H., 155a, Gloucester Rd., South Kensington, S.W

WILLIAM TOUT,

BUILDER AND CONTRACTOR,

VICTORIA ROAD, HENDON.

Works Executed include—

Pair of Villas, Hendon, £2,400; W. Ranger, Esq., Architect. Detached Residence, Hendon, £1,560; Banister Fletcher, Esq., Architect. Detached Residence, West Hampstead, £3,400; Banister Fletcher, Esq., Architect. New Catholic Schools, Hendon; F. W. Tasker, Esq., Architect. New Citadel and Shops, Holloway, £2,500, Wm. Gilbert Scott, Esq., Architect. Shops, St. Mary Cray, Kent; H. B. Walker, Esq., Architect. Residence, Ebbisham House, Epsom. Mission Room, Hendon, &c.

Tozer, F., "Holland Works," Uxbridge Rd. Station, Shepherd's Bush, W.
Trales & Sons, 8, Elgin Crescent, Notting Hill, W.
Treasure & Son, Wightman Rd., Harringay, N
Treemain & Piper, 42, Clyde Rd., Tottenham, N
Treneman, J. J., 42, Upper Tulse Hill, S.W.
Trennant, H., 65, Portobello Rd., Notting Hill, W
Triggs, E., The Chase, Clapham, S.W.
Trollope, G., & Sons, Halkin St., Belgrave Sq., S.W
Tucker, E. B., 82, Lavender Hill, Clapham, S.W
Tugwell, T. B., & Son, 4, Belsize Crescent, Hampstead, N.W
Tunks, W., 215, Cornwall Rd., Notting Hill, W
Turnbull & Sons, 8, Northumberland Alley, Fenchurch St., E.C
Turner & Withers, Stratford Rd., Kensington, W
Turner, J., Allfarthing Lane, Wandsworth, S.W
Turner, Thos., 195, Romany Rd., West Norwood, S.E.
T[illegible], Wm. J., 2, Canfield Place, West Hampstead, N.W.
Turtle & Appleton, 141, St. John's Hill, and Spencer Works, Usk Rd., Wandsworth, S.W
Tweedy, W., 50, Winchelsea Rd., Tottenham, N.
Tyerman, J., 220, Walworth Rd., S.E.
Uff, Walter, 125, Buckingham Palace Rd., S.W
Van Bros., 13, Spring St., Hyde Park, W.

VARE BROTHERS,

Builders, Contractors, Decorators,

AND SANITARY SPECIALISTS

13, SPRING STREET,

PADDINGTON, W.

Works executed include the Draining of many of the Principal Residences and Public Institutions in London and throughout the country

References upon enquiry

Veitch & Close, Stanhope St., Regent's Park, N W
Vernall, Danes & Co , 12, Albany St., N W.
Vigor & Co., 15, King St., Poplar, E.
Voller, Fredk , Truro Rd., Wood Green, N.
Waddington & Co., Sydenham, S.E
Wade, G , 24, Flood St., Chelsea, S.W.
Wagstaff, G , & Son, 9, Bartlett's Buildings, Holborn Circus, E.C., and 6, Bleeding Hart Yard, E.C.

GEORGE WALES.

BUILDER AND CONTRACTOR.

OFFICE: Kenton Road. WORKS: Barger Road, SOUTH HACKNEY, LONDON, N.E.

Recent Works Executed include—

24, West Cromwell Road, Kensington; New Drainage, Decorations and Additions, R. A. Jack, Esq., M.S.A. Archt. 96, Oakley St., Chelsea; Decorations for Dr. Hebb. Leopold Hall, Kingston-on-Thames; Alterations and Decorations, G Stevens, Esq., Surveyor. [illegible] Pair of Villas, R. A. Jack, Esq., M.S.A., Archt. Stepney Union, Painting and Repairs, G. E. Holman, Esq., F.S.I., Archt. Clapton, 16 Houses, A. J. C. Savory, Esq. Chatsworth Arms, Clapton, New Drainage, Alterations and Additions, Messrs. Bovill & Strevens, Archts. Stepney. New Engine House and Lavatorys, G. L. Holman, Esq., F.S.I., Architect.

Walford, J., & Son, 73, Knightrider St., E.C.
Walker, W., Crown Works, Stansby Rd., Poplar, E
W[illegible], Ashburnham Works, Lot's Rd., Chelsea, S.W
Wall, H., & Co., Carlton Works, Carlton Rd., Kentish Town, N W
Walker, E. J., 16, Talbot Rd., Tottenham, N
Walker, T. T. & F. J., 92, St. Leonard's Rd., Poplar, E.
Walker, W. J., Crown Works, 16, Gough St., Poplar, E
Waller & Son, 4, Lyall St., S.W
Wallis, W., Boundaries Rd., Balham, S.W
Walter & Co., High Rd., Brondesbury, N.W
Ward & Lamble, 2, Hornsey St., Holloway Rd., N.
Wardlow, G., The Grove, Hackney, N.E.
Watmough, J. W., 27, Philip Lane, Tottenham, N
Wat[illegible] & Elwood, 517, Lordship Lane, Dulwich, S.E.
Watson Bros., 5 & 6, Charlotte St., Portland Place, W
Watson, W., 5, [illegible] Terrace, [illegible] Rd., Stratford, E
Watson, W., 168, Lark[illegible] Lane, [illegible], S.W.

A. A. WEBBER,

BUILDER AND CONTRACTOR,

MORTIMER WORKS,

[illegible]

47, Mortimer St., Cavendish Square, W

Works executed

On the Portland Estate [illegible] Several important [illegible] and Sanitary jobs, in various parts, under Messrs. Frend & Keogh, Archts. Extensive works, Sussex Square, W., J. B. Styche, Esq., Archt. County Council requirements, Cavendish Rooms, W., W. Goldsmith, Esq., Archt. Erecting 87, [illegible] St., Messrs. Corderoy & Selby, Archts., [illegible] Goodge Str[illegible] Gosfield Street, W., £1,800 [illegible] 59 and 61, Great Portland Street, W., £.,700. Building All Soul's Church Home, £4,800, Beresford Pite, Esq., Archt. Rebuilding 42, Great Titchfield Street, W., £1,300, E. Pither, Esq., Archt. Rebuilding 26, Castle Street, W., £2,100, A. J. Hopkins, Esq., Archt. Fitting up Bank and Offices for W. Watson & Co., 7, Waterloo Place [illegible], C. V. Stevens, Esq., Archt. Restoring [illegible]

A. A. WEBBER (*continued*)

Titchfield Street, for Peter Robinson, Esq., £760, A. E. Hughes, Esq., Archt. Building Offices for the Harrow Gas Company, £1,100, Messrs. Cowel & Gray, Archts. Renovating Four Churches and Vestry Offices for the Marylebone Vestry

---

Watts, G. N., Notting Hill, W
Weir, W., 56, South Audley St., W
Wells, W., 31, Barnsdale Rd., St. Peter's Park, Paddington, W
Wells & Son, 49, Red Lion St., Holborn, W C
Wells, B., 2, Riley St., Bermondsey, S.E
Wheeler, Ernest, 12, Alfred Rd., West Hampstead, N W.
Wheeler, J. W., Winchmore Hill, N
Wheeler & Peake, High St., North Finchley, N
Whitaker, J., 191, Earl's Court Rd., S W
White, A. W., & Co., 110, Lower Rd., Rotherhithe, S.E.
White, C., Totteridge Rd., Enfield Highway, N.
White, T., & Son, 52, Fairfield Rd., Bow, E
Whitehead, L., & Co., Portland Pl. N., Clapham Rd., S.W
Wiggins & Head, 198, Belsize Rd., West Hampstead, N W

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109, BUCKINGHAM PALACE ROAD,

VICTORIA

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Wilkinson Bros., 64 & 155, St. Thomas Rd., Finsbury Park, N
Wilkinson, Edward, 137, Church St., Paddington, W
Wilkinson & Co., 15, Great George St., S.W
Willett, W., 2, Sloane Gardens, S.W
Williams, Geo., 70, Hatton Garden, E.C.
Williams, H. J., 13 to 18, Bermondsey St., S E.
Williams, J. P., 91, Lancaster Rd., W
Williams, Son & Wallington, 132, Shepherd's Bush Rd., W
Williams, G. S., & Sons, Richmond St., Thornhill Sq., Islington, N.
Williams, W. R., 95, High St., Putney, S.W

W. A. WILLIAMS,

SANITARY ENGINEER,
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BLENHEIM HOUSE,

Blenheim Grove, PECKHAM, S.E.

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Workmanship in Every Department by Guaranteed Artificers & Experienced Labour

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Willmott, J., & Sons, Tottenham Lane, Hornsey, N.

Martin D. Wills & Co.,

BUILDERS & CONTRACTORS.

DESIGNERS & MANUFACTURERS OF

HIGH-CLASS SHOP FITTINGS,

AIR TIGHT SHOWCASE MAKERS,

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CLAPHAM JUNCTION, S.W.

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Messrs. Rablot's, Ltd., Premises, at 279, Fulham Rd., S W., and Dover; A. G. Hennell, Esq., Archt. Also Premises at 309, Lavender Hill, G. Medland, Esq., Archt.

Messrs. Williams & Son's Premises, 168, Piccadilly, G. Carter, Esq., Archt.

Wilson, Chas., Ivy Villa, Huddlestone Rd., Forest Gate, E
Wilson, E. K., & Sons, Ltd., 13, Sussex Rd., South Kensington, S.W
Wiltshire, W., Heath St., Hampstead, N.W.
Wimpey, G., & Co., 30, The Grove, Hammersmith, W
Wire & Forrest, 57, Church Row, Bethnal Green, E.
Witherilt, Lee, & Martin, 10, Chapel St., Mayfair, W.
Wold, Wm., Kneller Rd., Brockley, S.E.
Wollaston, C., Welbourne Rd., Tottenham, N.
Wood, F., & F. J., 64, Cleveland St., Mile End Rd., E.
Woodrow & Pitcher, 7, Lambs Conduit St., W C
Woodward, W., & Co., 13, Wilson St., Finsbury, E.C
Worden & Easton, Bridge Works, Amhurst Rd., Hackney, N E.
Worrall & Stevens, 58, Holland St., Fitzroy Sq., N W.
Worsley, R. E., & Co., Henry St., Gray's Inn Rd., W C.

GEORGE F. WRIGHT,

Builder and Contractor and Sanitary Engineer.

STEAM MOULDING AND JOINERY WORKS,

25, Wood St., Westminster

Works executed include

New Buildings and Laboratory, Westminster Schools. New Organist House, Westminster Abbey, J. L. Pearson, Esq., R.A., Archt. New Mission Church, Chelsfield, Kent, Alterations and Restoration, St. Mary's, Westminster, Somers, Clarke, & Micklethwaite, Archts. Alterations and Decorations, Gloucester Place, W., Alterations and Interior Fittings, St. Mathew's, Westminster, Bodley & Garner, Archts. Alterations and Additions to House, Potters Bar, J. Simpson, Esq., Archt. New House and Studio, Cheyne Walk, Chelsea, C. R. Ashbee, Esq., Archt. Alterations and Additions to House, Westminster, E. P. Warren, Esq., Archt.; 16 houses, Forest Gate, for Tenant Co-operators, Ltd.

Wright, H. J., Cadogan Gardens, Chelsea, S.W.
Wiles, C. A. J. W., Essex House, Plashet Lane, East Ham, E.
Wythe, W., 17, Brownlow St., Queen's Rd., Dalston, N E.
Yardley, S., & Sons, 18, Gray's Inn Rd., W C
Yerbury, R. A., & Sons, Birchington Rd., Kilburn, N.W.
Young & Lonsdale, Junction Works, Herne Hill, S.E.
Young, B., & Son, Cleveland St., Mile End, E
Young, C. H., 50, Paradise Rd., Clapham, S W
Young, R. J., 30, Barbican, E.C

2. Provincial.

Bedfordshire.

AMPTHILL.

Sharpe, J., & Son, Woburn St.

ASPLEY GUISE

Sinfield, Charles

BEDFORD.

Conisbee & Prosser, Stanley St

T.H.COLEMAN
Builder & Contractor.
JOINERY WORKS, BEDFORD.

Works executed include—

Messrs. Morgan & Co.'s Carriage Works, Leighton Buzzard Bucks, Archt., J. T Lawrence, Leighton Buzzard Newport Pagnel Farm House, for Messrs H & P H[illegible], Archt., F [illegible], Esq Staple Inn, Holborn, London Memorial Farm House Pavenham for Mrs Burton Alexander, Archts. Messrs Ladford & Pulloch Victoria St. Westminster St [illegible]'s Parsonage House Luton, for Rev J C Trevelyan Archt., H Wilson Esq., 5, Gray's Inn Sq., London House and Offices Bedford, for W. Stafford, Esq., Archts., Messrs. Usher & Anthony, Bedford. The Bedfordshire "Standard" Printing Office and Works, Bedford, W B. Davis, Esq., Archt., Bedford. Chapel and Caretakers' House, Sandy, Beds; Archt., G. Highton, Esq., F R.I B A., Bedford. Electric Light Station, with Shaft, for Bedford Corporation; Archt., F H. Medhurst Esq., B.Sc., M.I C E., Victoria St., Westminster Alterations and Additions on Liscombe Park Estate, Soulbury, Bucks., for the late Capt. Verney Lovett Cameron, Archts., Messrs. Potts, Son, & Hennings, 1, Furnival's Inn, Holborn, E.C Clifton [illegible], Beds. Archt. G Highton, Esq., F R.I B A Bedford [illegible] Schools, Additions. Archts., Messrs. Usher & Anthony, Bedford. New Schools at Ampthill, Beds; Archts., Messrs Usher & Anthony, Bedford. Residence for S Green. Esq., Archt., F 1 Mercer, Esq., Bedford.

Works executed during 1895 include —

Cricket Pavilion for the Bedford Corporation, addition to Electric Lighting Station for the Bedford Corporation, W J. Hope Johnston, Esq., Engineer. New Police Cells for the Bedford Corporation, Archt., John Lund Esq., Boro' Surveyor.

Corby & Son, Tavistock St.
Fathers, George E., Park Rd
Freeman, W T., Ashburnham Rd., and St. Leonard's Avenue
Freshwater & Sons, 25, Castle Hill
Gell R., & Son, 65, Howbury St.
Harrison, G., Rutland Rd
Haynes, G., & Son, 25, Priory St.
Laughton, T., Midland Rd
Melcombe, Bros., Castle Rd.
Potter, J., 47 St. Peter's St.
Pryer, A. E., Stanley St.
Spencer, T., Ashburnham Rd.
Steers, H., 33, Tavistock St.
Walker, G., Prebend St.
Wharton, J., 1, Cardington Rd
White, J P

[illegible]

Bushby, T., Hitchin St
Daulby, Bros [illegible] St
Riffel, J D., Stratton St.
Woollard, R., Clifton (Carpenter)
Wright, J., Clifton (Bricklayer).

DUNSTABLE.

Cheshire, J., 7, Matthew St.
Nash, A., Prince's St.
White, F F., Prince's St.

EGGINGTON.

Edwards, H., & Sons

KEMPSTON, BEDFORD.

Foster, S.

KENLOW, BIGGLESWADE

Phillips.—, (Carpenter)

LEIGHTON BUZZARD

Cooke, D., & Son, 48, Ashwell St.
Dawson, A. E., Woburn Rd.
Garside, G., & Son. Hockliffe St.
Tutt, Bros. Sandy Lane
Yirrell, T., Bridge St.

LUTON

Attw[illegible], A Ashton Rd
[illegible] Crescent Rd
[illegible] High Town
[illegible] Park St. West
[illegible] W [illegible] Hibbert St
Ford, R., Boyle St
K[illegible], Midland Rd
Mardle, Alfred, Cowper Rd
Neville, T & E., Castle St.
Parkins, D. High Town Rd.
Pratt, A [illegible]
[illegible], G W., Cardiff [illegible]
Saunders, J., Duke St.
Smart, G., Guildford St.
Taylor, J., New Bedford Rd
Tomkins, T., Langley Rd.
Turner, A., Hibbert St.
Waller, C., Cardigan St.
Wright, C., Hibbert St.

MARKYATE, DUNSTABLE.

Hall, E.

OFFLEY

Sharp, C

POTTON

Bartle, Geo., King St., Potton
Rainsford, Bros.
Woodham.

SANDY

French, W. E., & Co

SHEFFORD

Lightfoot, J., North Bridge St., (Carpenter
Pepper, J (Mason)
Wheatley, G

TODDINGTON, DUNSTABLE

Dunham, D.
Mucklestow, George

[illegible]

Gregory, H., 36 & 37, Bedford St.

Berkshire.

ABINGDON

Thatcher, George, Stert St.

[illegible]

Charman, H
Trust, T
Wallis, D., Ivy Cottage, Race Course Lane
Watson, W.

BINFIELD, BRACKNELL

Fast, G

[illegible]

Brown, G. W[illegible]
May, W [illegible]

CHOLSEY, WALLINGFORD.

Bosher, C W

CLEWER, WINDSOR.

Green, W
Lloyd & Son, Arthur Rd.

COOKHAM.

Cooper, J K., & Sons
Frewing, Jos., near Station
Lacey, R.
Spencer,—

CROWTHORNE

Spear and King

EAST ILSLEY.

Taylor, E T., Post Office

FARINGDON

Ritchings, J., Station Rd

HUNGERFORD

H. HOSKINGS,
Builder & Contractor,
RIVERSIDE JOINERY WORKS
HUNGERFORD.

Works executed and in progress include—

Restoration of Manningford Bruce Church, J. L. Pearson, Esq., R A., Archt. Restoration of [illegible] Church, C E Ponting, Esq., F.S.A., Archt. Restoration of Enford Church: C E Ponting, Esq., Archt. Restoration of Marden Church, C E Ponting, Esq., Archt. Alterations and Additions, Fosbury Manor for F. A Beavan, Esq., John Lee, Esq., F R.I.B A., Archt. Dauntsey Agricultural College, West Lavington, C E. Ponting, Esq., F S A., Archt. Stables and Coach House, Shaw Hill, Melksham, for Chas Awdry, Esq; E. J. May, Esq., Archt.

Wooldridge, J., & Son, Canal Wharf

KINTBURY.

Bance, J

LAMBOURNE, [illegible]

Owen, F.

[illegible]

Barford, J H., & Co., 18, [illegible] St
Bolton, J K., 74, High St.
Cooper, J K., & Sons, Castle Hill
Cox, C W., & Son, Bridge Rd Works
Creed, W., Castle Hill
Edwards, F [illegible]
Ma[illegible]
Partlo Bros., North Town
Pym, F., High Town Rd
Silver & Sons, Ltd., Altwood Works
West Bros., Albert St

MIDGHAM, Reading

James, T., Bath Rd.

NEWBURY

A[illegible]
Bance, E. A., Ball Hill, East Woodhay
Chivers, A J., Craven St. & Gloucester Rd
Head, Geo., Tot Hill, Burghclere
Houghton, A., Donnington
James, E. C., Pound St
Pope & Co., North End, East Woodhay

PANGBOURNE

Boxall & Son
Warner, B.

READING

Bottrill, J., & Son, 58 & 138, King's Rd
Collier & Catley, St. Mary's Butts
Fitt, McCarthy E., London Rd

GEO. GARRETT,

Builder

and

Contractor.

ABORFIELD,

READING.

[illegible] W., [illegible], Weldale St.
[illegible], Queen's Rd
[illegible] Castle St.
[illegible] H [illegible], 65, Brunswick St
[illegible] Market St
Searle, G., 34, King's Rd
Wheeler Bros., 42, Caversham Rd
Whiting, T F., The Grove

[illegible]

Sp[illegible] J

[illegible]

Longhurst, J., The Rise
Norris, J., & Sons

HATCHAM

[illegible]

[illegible]FORD

[illegible] St. John's Rd

WANTAGE

Wheeler, J & Son, Mill St
Whiting, Gregory and Stroud

[illegible]

Akery, F., Dagmar Rd

Berkshire—*continued*.

Bampfylde, F., Frances Rd.
Bishop, R., Grove Rd
Blackburn, Wm., Arthur Rd
Pond, A., Peascod St
Bunce, J., 5, Oak Cottages, Arthur Rd
Cooper & Son
Cleave, W., Sheet St
Dickenson, T., 6, Clarence Rd
Dickinson, E. & W., Victoria St, Sanitary Engineers
Dousett, Edwd., Temple Rd.
Foreman, R., Russell St.
Grey, E., Goswell Lane
Grove, H., Arthur Rd
Herbert, R., Vansittart Rd
Holis & Son, Suffolk House, St. Leonard's Rd.
Kelly, T., 18, Victoria St.
Knapp, E., King's Rd
Knapp, J., Grove Rd
Pither, G., 1, Temple Rd
Reavell, A. H., 37, Peascod St
Sturgess, G., St. Leonard's Rd
Willett, E. K., Frances Rd.

WINKFIELD

Brown, G
Searle, E

WOKINGHAM

Hawkins, W., Market Pl.
Hughes, E. C., Albion Works
Seward, J. B., Denmark St. and Market Pl.

Buckinghamshire.

AMERSHAM

Darlington, George, High St

AYLESBURY

Green, T., Kingsbury
Green, W. Y., & Co., 14 & 16, Walton St
Grist, S., Ltd., Railway St., Bierton
Jewell, H., High St
Mayne & Son, Station St
Webster & Cannon, Buckingham St

BEACONSFIELD.

Bagley, James W., High St.

BOULTER END, HIGH WYCOMBE

Harris, Harry

BUCKINGHAM

Boyse late Marshall & Boyse
Marshall, John, 26 & 27, High St
Tibbetts, J. K., West St

BURNHAM near MAIDENHEAD.

Almond, G.
Deverill, W. B., High St.
Painter & Adder, Chapel St.

CHALFONT ST. PETER'S

Redi[illegible], D., Gold Hill

CHESHAM

Abbott, W., & Son, Berkhamsted Rd
Boughton, W., Red Lion St.
Darvell, R., Newtown
Mead, A., 55, Cestreham Villas
Wallis, T., & Sons, Barkhamsted Rd

COLNBROOK, SLOUGH

Holderness, A
Roberts, Saml., High St.

DATCHET

B[illegible]
Pearce, T. H
Saunders, [illegible] Rd
Sears, A. [illegible]
Willett, E. K., The Green

ETON

Burfoot, H., Alma Rd., Eton Wick
Crook & Son, 28, High St. (Plumbers)
Dugdale, G., 134, High St.
Elkins, Hy., Eton Wick
F[illegible], George, & Co., 97, High St. and Sculptors
Goddard, John, 24, High St.
Goddard, W., & Sons, 114, High St

FARNHAM ROYAL, R.S.O.

Wheeler, H

GREAT MARLOW

[illegible], Chapel St
[illegible] Young Jas., High St.

HIGH WYCOMBE

Biggs, George, Great Kingshill
Bond, J., Oxford Rd.
Broughton, L., Oxford Rd
Dickens, H. T., Easton St

HENRY FLINT,
Builder and Contractor,
GASTON STREET,
High Wycombe.

Works executed include:—

Several Chair Factories; C. E. Moxham, Esq., Archt. Cricket Pavilion, High Wycombe, Thomas Thurlow, Esq., Archt. New Wing to Pond House, Radnage, Bucks; Chas. Carter, Esq., County Surveyor, Archt. Foundations and Works for the laying down of new machinery; Thomas Robinson & Co., Rochdale, Engineers. New Wing to Cottage Hospital, High Wycombe, A. Vernon, Esq., F.S.I., Archt. Business Premises for Messrs. Dix & Co. School of Science and Art, High Wycombe; A. Vernon, Esq., F.S.I., Archt. Catholic Church of St. Augustine, High Wycombe; A. E. Purdie, Esq., F.R.I.B.A., Archt. New Mansion, Chalfont, Bucks, for the Rt. Hon. C. T. Ritchie, M.P. M. E. Macartney, Esq., Archt. New Factory at [illegible], Slough, Bucks, for Messrs. [illegible] Messrs. Nottage & Sammons, Archts.

Free & Co., Easton St. and Walters Ash
Gibson, G. H., Paul's Row
Harris, J. H., 73, Easton St.
Herring, R., London Rd., Wycombe Marsh
Hunt, C. H., Amersham Hill
Looseley, W. B., Son, & Pearce, 121, to 123, Oxford Rd
Moreton, A. W., Richardson St.
Nash, T., & Sons, 28, Temple End
Pearce, [illegible]
Stevens, [illegible]

LANE END, HIGH WYCOMBE

Smith, G

[illegible]

Crook, J. W., H[illegible] Green
Harris, Charles, Horsemoor Green

LINSLADE

Yirrel, T

NEWPORT PAGNELL.

Wilford, B., 74, High St

PRINCES RISBOROUGH

Wright, T

SLOUGH

Ashford, W., Wexham Rd
Belch, H. C., Harmondsworth
Bennett, G. W., William St.
Bowyer, H. D., Park St.
Chennel, A., Cippenham
Deverill, Jno., High St.
Dickenson, T., Alpha St. and Wellington St
Hearn, G., Stoke Rd
Jackaman, W., 1, Lonsdale Villas, High St
Jupp, G., William St.
Perrin, T., Wexham Rd
Simmons, Chas., Stoke Rd

STANTON BURY.

Robinson, T. P

STOKE POGES

Knight, P., Stoke Common

STONY STRATFORD

Betts, Thos
Walker, [illegible], W[illegible]erton, St. Mary

TAPLOW.

Wakeman, P

WADDESDON, AYLESBURY.

Crook, Chas., & Sons
Holland, Jos., & Son

HENRY H. SHERWIN,
[illegible]
WADDESDON, AYLESBURY,
AND 24, GT. JAMES' ST.,
BEDFORD ROW, LONDON, W.C.

Works executed include

Restoration of St. Andrew's Church, Foxton, Leicestershire, W. White, Esq., F.S.A., Archt. Re-

H. H. SHERWIN—*(continued)*

building Tower of St. Michael's Church, Waddesdon, Bucks. W. White, Esq., F.S.A., Archt. Restoration of the Church of St. Mary Magdalen, Winchendon, Bucks, W. White, Esq., F.S.A., Archt. New Wings and Alterations to Ashby Folville Manor, Leicestershire. Alterations [illegible] Manor, Bucks. Alterations and Additions to Blackwell Hall, Chesham. New Strong Room at The Herald's College, Queen Victoria St., E.C. [illegible] wicke Langston, Esq., Archt.

WENDOVER, TRING

Holland, J. S.
Senior & Co.

WEXHAM, SLOUGH.

Hartley, W

WINSLOW

Matthews Bros., Horn St., and Decorators

WOOBURN, WOOBURN GREEN, S.O.

Nash & Sons

WOOBURN GREEN, S.O.

Williams Bros

Cambridgeshire.

BASSINGBOURNE, near ROYSTON

Worboys, G., & Son

CAMBRIDGE

Adams Bros., Newnham
Allabone, C., 85, Norfolk St.
Archer, W. E., Cherry Linton Rd.
Banyard, P., 163, Gwydir St
Bell, W., & Sons, 45, Castle St.
B[illegible]
Clarke & Sons, [illegible]
Coulson & Lofts, [illegible] Pl
Favell & Ellis, 5, St. Andrew's St, Plumbers
Girling & Coe, Mill Rd
Greef, F., & Co., King's Parade, Plumbers
Green, Julius, 187, East Rd
Hayles, W. H., Union Rd
Hicks, Powell & Co., 39, Grafton St.
Jacob & Brunney, 68, Hills Rd
Jarvis, John, 30, Halifax Rd, Horticultural
Kerridge & Shaw, 26, Sturton St.
Key, C. V., 145, Victoria Rd
Key, V., 14, Victoria Rd
K[illegible], 154 & 156, Sturton St
Lambert, G. W., Derby St., Newnham Croft
Leach, F. R., & Sons, City Rd
Mills & Sons, Bridge St., Chesterton Rd
Newman, G. J., Newmarket Rd
Nicholas, Bros., 32, Carlyle Rd
Palmer, D., Russell St.
Pamphilon, John, 55, Gwydir St
Pamphilon, Ned, 59, Gwydir St.
Pate, J. L., 6, Fair St
Pate, W., 29, James St
Prime, T. H., & Sons, 25–26, Burleigh St
Rattee & Kett, Station Rd
Redding & Son, Tennis Court Rd
Renham & Charter, 22, Devonshire Rd
Rickard & Son, 35, St. Andrew's St.
Royall, A. J., 40, Clarendon St
Royall, T. J., 34, New Sq., and Eden Lane, Fitzroy St
I[illegible] A., 18, Peter's St
Scales & Robins, 37, Hills Rd
Scott, Wm., Devonshire Rd
S[illegible], Jas., & Co., Cherry Linton Rd, Horticultural
Seymour & Sons, 67, St. Andrew's St.
Sindall, W., 9, Mill Lane

Francis Thoday & Co.,
LIMITED
(Late Francis Thoday & Son),
Builders, Contractors, & Sanitary Engineers,
104, HILLS ROAD,
CAMBRIDGE.

WORKS EXECUTED INCLUDE

New Engine and Boiler Houses, Canteen, Barge Sheds, Workshops, New Gasworks, Stables, and 65 Cottages, &c. at Dagenham Docks, Essex, for Samuel Williams & Sons, Belvedere Road, Lambeth [illegible]
[illegible] House, Newmarket, and New Stables, &c. for [illegible], £7,405, J. B. Corby, Esq., Stamford, Archt.
Additions to "The Severals House," Newmarket, and New Stables, for

Cambridgeshire *continued.*

THODAY & CO.—*(continued).*

H. L. Bach [illegible], Esq, £[illegible],396. W. Flo[illegible], Esq, New Bond St., London, Archt.
New M[illegible] Buildings [illegible] part Cambridge, for Cambridge Corporation, £9,484; W. M. Fawcett, Esq., [illegible], Archt.
Six Shops and Dwelling Houses, Silver St., Cambridge, for E. B. Foster, Esq., £6,847; W. M. Fawcett, Esq., 1, Silver St., Cambridge, Archt.
Also New Gas Works, Beccles; New Warehouse, Sun St., Finsbury; St. Luke's and St. Barnabas' Churches, "Zion," "Eden," and "The Hills Road" Wesleyan Chapels, Cambridge; King's College Choristers' School; Wimpole Gas Works; Restoration of Wimpole, Bourn, Longstowe, and Barrington Halls, and numerous other works.

Williams, F. W. H., Victoria Rd.
Wilmot, E., Hope St.
Wilmott, J., & Sons, Mill Rd.

ELM, WISBECH.

Wilkinson, J. W., High Rd.

ELY.

Holmes, T.
Morriss, G., Chiefs Lane

GOREFIELD, near WISBECH

Hipwell, S.

GUYHIRN, WISBECH

Cousins, Geo

MARCH

Swann, Robert, Churchend
Ward, J., Broad St.

NEWMARKET

Blythe, B., Park Lane
Holland, H., Falmouth St.
Hunt, R., Park Lane

HARRY J. LINZELL,

Builder and Contractor,

NEWMARKET.

Works executed include—

Messrs. Goldsmith Bros., Garland Street, Bury St Edmunds, Corn and Seed Warehouses; N. Robinson, Esq., Archt., Hemel Hempstead.

H. J. LINZELL—*(continued).*

Matthew Dawson, Esq., House and Stabling, £5,000, at Exning, Newmarket; J. Flatman, Esq., Archt.
Captain Baird, House & Stables, £5,300, at Exning, Newmarket; J. Flatman, Esq., Archt.
Right Hon. Lord Durham, House and Stables, and Mansion, £20,000, at Exning, Newmarket; J. Gibson Cowe, Esq., Archt.
School Board, Clacton-on-Sea, £3,000; T. H. Baker, Esq., Archt.
R. P. Cooper, Esq., Residences at Frinton-on-Sea, £3,700; W. Gillingham, Esq., Archt.
H. Bulman, Esq., Residence at Newmarket, £4,000; Messrs. J. Brown & Son, Archts., Luton.
Mrs. Sherwood, Residence at Newmarket, £2,500; H. W. Ro[illegible], Esq., Archt., Leicester.
A. R. Chamberlayne, Esq., Residences at Frinton-on-Sea, £2,500; Messrs. Homer & Ridler, Archts., London.

Simpson, J., & Son, Exning Rd.

ROYSTON, near CAMBRIDGE.

Gimpson & Co., Baldock St.
Jacklin & Co.

SOHAM, Cambridge

Cowell, J.
Hook & Tebbitt

WATERBEACH

Hartshorn, W., May Cottage

WILLINGHAM.

Allen, Charles

WISBECH.

Bailey, W., Ruby St. (Carpenter & Joiner)
Bassett, B., Lynn Rd. (Bricklayer)
Davis Bros., Lynn Rd. (Masons)
Farrow, H., Bridge Bldgs., and North Brink
Girling, E., & Co., Elm Rd.
Groom, Jonathan, 42, Victoria Rd.
Hamment, H., Norwich Rd.
Hipwell, S., North Terrace
Jarvis, J. J., 13, Victoria Rd.
Nobbs, R., 11, North End (Mason)
Pearmain, Wm., Elizabeth Ter., Norwich Rd.
Rands & Son, Elm Rd.
Rawlin, Wm., The Park, Norwich Rd.
Roughton, Robt., Nene Parade, and Upper Hill St.
Smith, T. H., Victoria Rd. (Carpenter & Joiner)
Smith, Wm., Scrimshaws Passage
Watson, Charles, Monica Rd.
Wells, T., & Son, Lynn Rd.
West, J., Post Office Lane (Joiner)

Cheshire.

ALDERLEY EDGE

Hatch, James
Massey, I., & Son

ALSAGER.

Edwards, G., Crewe Rd.

ALTRINCHAM

Broadbent, T., Grafton St. (& joiner)
Brundrett, J., 78, George St. (& joiner)
Campbell, R., Station Rd. (& joiner)
Clayton, Thos., Oxford Rd.
Douglas, J. H., Hale Rd. (& joiner)
Hamilton, J., Oxford Rd.
Holt, H., Manor Rd. (mason)
Huxley, Alfd., 49, Church St.
Kenyon, Hy., The Downs
Ludlar, H., 19A, Stamford St.
Lambert, W., & Son, Hale Rd.
Smith, Geo., New St.
Smith, S., 46, Greenwood St.

Stone, M., Greenwood St. (& joiner)
Street, R., 56, Byrom St.
Warburton, H., Ashfield Rd. (bricklayer)

ASHTON, near CHESTER

Manley, S.
Shallcross, T.

ASHTON-upon-MERSEY

[illegible]

Dean, John E., Barker's Lane
Smith, W., Mersey Rd.

BARROW, near CHESTER

Davies, T.

BEBINGTON

Barnes, J., Lower Bebington
Lee, John & Son, Higher Bebington Village
Munnerley, Thos., Bromborough Rd.

Cheshire—*continued.*

BIRKENHEAD.

Arthur, D., 108, Duke St.
Beesley, W. H., & Co., 48, Claughton Rd.
Brocklebank, J., Westbourne Rd.
Brocklebank, Thos., Lingdale Rd., Claughton
Corlett, W. F., 25, Bennett's Hill
Curwell, T. W., Woodchurch Rd.
Davies, R., 23, Whetstone Lane
Delany, J. B., 30, Conway St.
[illegible], G., Grange Rd.
[illegible]rde, W. H., 77, Claughton Rd.
Hamilton, J., 38, Bridge St.
Harkness & Sons, 56, Beckwith St.
Hughes & Sons, 105, Claughton Rd.
Hughes, R. R., 38, Price St. (& joiner)
Hughes, T., New Ferry Lane, New Ferry
Jones & Bancroft, 134, Oxton Rd.
McLachlan & Batkin, 381, Boro' Rd.
Male, W., Village Rd., Oxton (Plumber)
Martindale, J. S., 4, Newton St.
Merrit, James, 38, Marion St.
Ritchie, R., 88, Grange Rd., W.
Robinson, R., 109, Oxton Rd.
Shaw, Chas. J., & Co., 11, Priory St.
Sherlock, E., 5, Moss Grove, Woodchurch Rd.
Snape, G., 4, Trinity St.
Thomas, J., Bidston Rd.

BOLLINGTON, MACCLESFIELD.

Beard, G. & J., Canal Wharf

BOWDON

Ormson, H., Stamford Rd. (Joiner)
Pennington, J., Stamford Rd. (Joiner)

BROMBOROUGH, [illegible]

Gittins, Wm.

BUCKLEY, near CHESTER.

Davies Bros., Main St.

CHEADLE, MANCHESTER

Alcock, Jonathan, 43, High St.
Briscall, J. R., Wilmslow Rd.
Hazeldine, F.
Newton, Wm., Lime Grove

CHESTER

Andrews, W., Queens St., & Grosvenor Rd.
Bird & Bird, 36, Lower Bridge St.
Browne, M., [illegible] Bridge
Browne, T., [illegible] Works, [illegible]side
Browne, W., [illegible] St.
Dutton, W., [illegible], Northgate
Edwards, G., 102, Boughton (Plumber)
Forester, G., & Sons, 107, Boughton
Freeman, W. W., George St.

ARTHUR HULSE

BUILDER AND CONTRACTOR,

NORTHGATE CHAMBERS,

Northgate Street,

and (Works) George Street,

CHESTER.

Works executed include—

Cheshire County Council, New Farm Buildings at Upton Asylum, Chester; Stanhope Bull, Esq., Archt.
New Music Warehouse and Residence, at Wrexham, for Messrs. Crane & Sons, of Liverpool; A. C. Baugh, Esq., Archt.
New Warehouse and Auction Rooms, at Wrexham, for Messrs. Aston & Son; M. J. Gummow, Esq., Archt.
Alterations and Additions to Wrexham Workhouse, for Board of Guardians; J. Morrison & Sons, Ats.

Jones, E., Mason St., Upper Northgate St.
Jones, R., 24, Canal St.

JOHN MAYERS,

BUILDER & CONTRACTOR,

CANAL SIDE, QUEEN ST.,

CHESTER

Works executed include

Suite of Offices, for H. S. Wh[illegible], Esq., Messrs. Walker and Sm[illegible], Archts., Liverpool. Residence and Stables, for Trevor Dickson, Esq. Additions to Farndon Hall, for G. Parry, Esq., and Re-building Cross Keys Hotel; W. M. Boden, Esq., Archt., Chester. Additions to [illegible]thop Hall Farm, R. [illegible] Whiteleg[illegible], Archt., Manchester. Re-building the Shrewsbury Arms Hotel, Messrs. Douglas & Fordham, Archts., Chester. Residence for J. Dean, Esq., H. Beswick, Esq., Archt., Chester. Alterations and Additions to the Stag Inn, Bagillt, for Messrs. Greenall, Whitley & Co., J. E. Wright, Esq., Archt., Warrington. Re-building Shippons and Stables at Pool Hall Farm, for R. E. Naylor, Esq.; Messrs. Smiths, Gore & Co., Surveyors, London.

Morris, G., & Sons, 33, King St.
Parker, Bros., 6, Shipgate St., and Eaton Rd.
Parrot, W., Canal Side

WILLIAM VERNON,

BUILDER & CONTRACTOR,

57, Upper Northgate St.,

ESTABLISHED 1866. **CHESTER.**

Works executed include—

15 Churches and Chapels.

Corporation Premises, The Cross.

Museum Building, £5,300, Messrs. Lockwood & Sons, Archts.

Five Villas, Liverpool Road, £5,000, Mr. H. Beswick, Archt.

Smithfield, George Street, £3,800.

Various Roadways and Sewerage Works, for Corporation, over £16,000.

30 Houses, Chichester St., £14,600.

70 Houses, Gladstone Avenue, £15,300.

Welsh, G., 12A, Seller St.
Williams, Isaac & Son, 20, Cuppin St. (Plumbers)

CHRISTLETON, Chester

Jones, John
Mayers, Thos.

CREWE

Amson, John, Farrington St.
Bebbington, John, Flag Lane
Cott[illegible]rill, A. P., Nantwich Rd.
Goulden, J. R., 90, Underwood Lane
Griffiths & Bowler, Lord St.
Jervis, A., 160, Edleston Rd.
Johnson, D., 45, Edleston Rd.
Johnson, Jas., 84, Nantwich Rd.

Cheshire—*continued.*

Jones, John, 1, Heathfield Avenue
Lea, T., Hungerford Rd
Mickeswright and Wright, John St.
Potts, J. B., Elizabeth Villa, Market St.
Wade, Wm., Walshall Rd
Wooldridge, C. R., 34, Edleston Rd

DODLESTON, CHESTER

P. EDWARDS,
Builder and Contractor,
DODLESTON, CHESTER.

DUKINFIELD

Emmett, Albert, Dante St.
Gibson, J., & Son, Crescent Rd
Holmes, E., Cecil St.
Taylor, J., King St
Underwood, W., & Brother, Hope St.

ECCLESTON

Parker Bros

FRODSHAM (Warrington).

Davies, Thos., Main St.
Greave, Geo., Main St.
Littler, John, Newton

HALE

Bowker, H., Albert Rd. Bricksetter
Sampson, Jos., Hale Barns Joiner
Smith, G., Park Rd.

HANDFORTH (Manchester

Hammond, Wm

HANDLEY

Morgan, J., Aldersey

HARTFORD near Northwich

Beckett & Co., Chester Rd

HASLINGTON

Martin, W

[illegible]

Bailey, W. & T

HESWALL

[illegible]s, Samuel, Heswall Hill
Kitchen, [illegible]

HOYLAKE

Francis, Isaac, 2, Prussia Rd.
Smith Bros.

HYDE

Fairbrother, J., Jun., & Co., John St.
Robinson, S., & Son, Saw Mills
Swain, J., Russell St. Iron Works
Warrington, T., & Sons, 129, Ashton Rd

KELSALL

Crank, A. C.
Fleet, H
Rathbone, S
Roberts, S.
Wright, G., & Sons
Wright, H., Watling House

KNUTSFORD

Beswick, J. & J., Bexton Saw Mills
Pemberton, Hy., Tabley Grove

MACCLESFIELD.

Barnsley, Godfrey, King Edward St.
Bettamy, W., 6, Prestbury Rd
Bradburn, J., & Sons, Peel St.
Burgess, G., Cumberland St
Clayton, Jno., Sunderland St.
Frith, Charles, Chestergate
Frith, E. & A., Catherine St
Mitchell, Chas., Prestbury Rd.
Moseley, J. T., Shaw St
Owen, Isaac, 20, Cross St., Sutton
Platt, D., King Edward St
Rhodes, S., St. Paul's Square
Rowlance, G., & Co., Ld., Waters Green
Walthall, H., Cross St. Sutton
Wellings, J., Derby St.

MALPAS, CREWE

Huxley, Thomas, Old Hall St.
Huxley, William

[illegible]

Edwards, [illegible]
H[illegible]t, T. E., Marple Bridge
Kellett, J
Potts, J

MIDDLEWICH

Birchall, E. & W
Summerfield, Thomas, High Town
Walmsley, Robert, Chester Rd

NANTWICH

Houghey, Samuel, Marsh Lane
Harding, John, Pillory St.
Matthews, J[illegible], Beam St

NESTON

B[illegible]y, W., Little Neston Village
Faulkner, Jos., Thornton Hough
Fleming, W., Park St. and Liverpool Rd
Pritchard, Wm., Little Neston
Woodward, Jos., Bridge St.

NORTHWICH

Leicester, T., Witton St
Molyneux, W., Witton St
Rylance, John, & Sons, Witton St
Stelfox & Carter, Whitton Saw Mills
Taylor, P., & Sons, London Rd

PEEL CAUSEWAY, T.S.O., *Altrincham*

Berry, J. J., Ashley Rd.
Brick, T
Fox, A. F

PULFORD

Edwards, P

ROCK FERRY, T.S.O., Birkenhead

Hayes, Wm., 25, Old Chester Rd
Hickman, W., 15, Grove Rd.
Manning, Jos., 18, Dacre Hill
Myers, Thomas, Bedford Rd
Richards, J., 57, Grove Rd

ROMILEY, STOCKPORT

Tarr, William

[illegible] near CHESTER

Mayers, T

RUNCORN

Bradshaw, T., 60, Greenway Rd
Farrell, W., & Sons, South Bank
Kirkham, J., Greenway Rd
Sefton, J., York St
Wilson, F., & Co., Okell St.

SALE

Brownhill, W., Northenden Rd. Bricklayer
Corrigan, O., Dane Rd. Plasterer
Cross & Bell, Marsland Rd., Brooklands
Gardener, A., Northenden Rd. Plasterer
Gayter, A., Mersey Rd. Bricklayer)
Gilchrist, J., Hope Rd (Plumber
[illegible] Northenden Rd [illegible]
Kessall, A., Washway, Rd. Plumber
Spence, W., & Sons, Washway Rd. Plumber
Sutcliffe, W., Marsland Rd. Mason
Webster, J., School Rd. Joiner
Wilson, W., Chapel Rd. Bricklayer;
Winstanley Bros., Northenden Rd. Joiner

SANDBACH.

Stringer, J

SEACOMBE

Davies, John, Luke St.
Hughes, P. M., 18, Belle Vue Rd
McGeoch, John, 84, Buchanan Rd.
Thomas, W., 22, Percy St.

STALYBRIDGE

Garside, Barns & Co., Knowl St
Grayson, J., Knowl St
Lockwood & Son, Castle Hill Saw Mills
Saxon Bros., Mottram Rd
Shaw, T. G., Acres Lane
Storrs, W., Sons & Co., Ltd., Aqueduct Saw Mills

STOCKPORT

Broadhurst, J., Shaw Heath
B[illegible] W. C. & Co., Station [illegible]
Brown, W. [illegible] Wellington Saw Mills
Derbyshire, Thos., Chestergate Mount
Elphinstone, Jas., Lancashire Hill
Hoe, Thomas, 17, Hooper St.
Jackson, Geo., Charles St
Kain, J. D., 3, York St., Edgeley
Kitchen, Samuel, Gradwell St.
Lee, J., The Poplars, Brinnington
Lee, J. & J., Wethington Rd South
Lomas, R., Stockport Great Moor
M[illegible], T. & W
Pownall, W. H., Higher Hillgate
Robertson, James, Railway Rd. Carpenter and Joiner
Rogers, J., Turncroft Lane
Wild, Joseph, Exors of, Hazel Grove
Williams, R., Grenville St.
Williamson, R., 25, Warren St.
Wimbolt, W., Bramhall Lane

STYAL (Manchester),

Renshaw, Jas.

TARPORLEY

Parker, J., Beeston near
Reece Bros.

TARVIN

Langford, J

TATTENHALL, CHESTER

Woollams, George

TIDESWELL, STOCKPORT

Hill, A. Mason, &c

TIMPERLEY, near ALTRINCHAM

Cross & Bell, Stockport Rd. Joiners
Marston, C., & Son, Bloomsbury Lane

TRANMERE

Bell, G. & J., Etria St.
Curwell, T. W., 10, Whitford Rd.
Davies, W. T., Whetstone Lane
George, W., 7, Fountain St.
Grice, A. E., Fountain St.
Inglefield, Wm., 163, Old Chester Rd
Roberts, W., 107, Borough Rd
Rogers, G. & F., 46, Victoria Rd.

WEST KIRBY

Christian, W. W., Ronaldsway
Getley, T., 4, Acacia Grove
Lee, Thos., Birkett Rd

WHALEY BRIDGE

Beard, E. A., Canal St. Joiner, &c.,
Collier, Charles, Horwich End. Joiner, &c
Drinkwater, D., Bridge Mont
Goddard, N., Kettleshulme. Joiner, &c
Oakes, F., Canal St.
Proctor, J., Junr., Higher Level. Joiner, &c

WHITLEY SUPERIOR, NORTHWICH

Walmsley, Fredk.

WILLASTON near NANTWICH

Gresty, J. T.
Wood, Jas., & Son

WILMSLOW.

Brown, Levi, Station Rd

J. K. COATES
BUILDER AND CONTRACTOR,
Wilmslow, Cheshire.

WORKS EXECUTED INCLUDE:

New Wesleyan Schools, Shops, and Drill Hall, Wilmslow, Houses, Styal and Additions to Hurlbote Grange; J. Wm. Beaumont, Esq., Architect. British Workman Public Hall, Henry R. Price, Esq., Architect. New Day Schools, Wilmslow; Henry Lord, Esq., Architect. Villa Residence for J. Sprowson, Esq.; Messrs. Preston and Vaughan, Architects. Farm House and Buildings at Goostrey; J. Ross, Esq., Architect. Fustian Works for Geo. Clare, Esq.; J. Bowden, Esq., C.E.

Mellor, S., Water Lane
Royle, Alfd.
R[illegible], M[illegible] & Sons, Knutsford Rd
Slater, [illegible], Church St.
W[illegible], Water Lane

WINSFORD

Barker & Barton, Wharton Rd.

A. & H. HULSE,
Builders & Contractors,
WINSFORD, CHESHIRE.

Works executed include—

Winsford Local Board: Formation of New Streets, Sewerage Works, and other Street Improvements; J. Waring, Esq., Surveyor.

Winsford Co-operative Society—New Warehouse and River Wharf; Daniel Cooper, Archt.

Cheshire County Council: New Police Station and Cells at Middlewich; Stanhope Bull, Esq., Archt.

Technical Institute and School of Art for Commissioners at Runcorn; John Bowden, Esq., 14, Ridgefield, Manchester, Archt.

Cheshire County Council—New Main Road, Bridges and Culverts; Stanhope Bull, Esq., County Surveyor.

Police Station, Cells, and Offices, at Alsager, for Cheshire County Council; Stanhope Bull, Esq., Archt.

New Schoolroom and Cloak Rooms, Sandiway Board School; Messrs. Douglas & Fordham, Chester, Archts.

New Salt Works for the Dairy and Domestic Salt Co., at Middlewich.

Brewery Buildings, etc., Winsford for [illegible] & H. [illegible]

"Little Man" Inn and Stables, at Wettenhall for Messrs. Greenall, Whitley & Co.; C. E. Davenport, Esq., Nantwich, Archt.

Cornwall.

BODMIN

Brown, J., Beacon Hill (Mason
Buscombe, J., & Sons, Fore St
Garland, G., Pove St. (Plumber)
Goodfellow, J., Fore St. (Painter
Grose, R., Town End (Carpenter
Ham, F., Castle St. (Mason
Harris, F., St. Leonards (Mason
Roscorla & Son, Fore St. (Painters
Rowe, J., Town Wall (Carpenter
Sheley, N., & Sons, Castle St.
Tinney, W., Rose Cottage, Lanhydrock (Carpenter
Wall, F., Burnard's Lane (Carpenter)
Webster & Chmo, St. Leonards (Masons
Woolcock, J., Crockwell St. (Painter

BUDE

Heard, R., McP., Granville Ter.
Pethick Bros., Queen St

BURYAS BRIDGE, R.S.O.

Hosken, J., Junr

CAMBORNE

Bennallack, T., Tuckingmill
Dellbridge, A., 5, Tehidy Rd
Mills & Son, Wellington Rd
Mitchell, F., Crowan
Nettle, R. D., Chapel St,
Richards, W., Tuckingmill
Rouse, J., Concrete Villa
Williams, E., 26, North Parade

[illegible]

Blake, E., & Sons, High Rd., Delabole, Medrose
Teague, Edwd., St. Teath

CARN BRAE, R.S.O.

Roberts, John, Pool

CHACEWATER, SCORRIER, R.S.O.

Moyle, W. H.

CUBERT, Grampound Rd

Chynoweth, S. (Carpenter
[illegible]
Rodda, T. (Carpenter

DULOE, R.S.O.

Tamlyn, Thos.
White, Simon, Tredinnick

FALMOUTH

Bailey & Toy, Gyllyng St
Bight & Sons, 59, High St.
Eva, S., 17, Albany Rd
Kelway, J. & G., 9, Chapel Ter.
Pye, T. J., 12, Florence Ter
R[illegible], C. H., 6, Cambridge Ter.
Skinner, A. E., Swanpool St.
Stevens & Webb, Gyllyng St
Williams, E., 45, Berkeley Vale

FOWEY

Good, J. H., Pont., Lanteglos-by-Fowey
[illegible]
Penter, N., Polruan, near
Wellington, G.

HAYLE.

Coombs, E. T., Fore St., Copper House
Richards, J., Copper House
Wearne, J. H., [illegible]

HELSTON

Eva, O., Penrose Ter.
Eva, J. O., Wendron St.
Ivey, E., Meneage St.
Richards, J. M., Meneage St
Winn, W. J., Parksledge Villa
Winn & Son

ILLOGAN.

Burnett, W.

LANLIVERY, LOSTWITHIEL

Rouse, F. W., Puddle

LANREATH, DULOE, R.S.O.

Pinch, P

LAUNCESTON

Burt, W., St. Thomas
Dodge, W., 1, Claremount Terrace, St. Thomas
Sharland, E., Exeter St.
Wevill, Robert, St. Thomas

LELANT, R.S.O.

Glasson, Thos., Corbis Bay

LISKEARD

[illegible]
Hicks, T.
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
Vennard & Sons, East Taphouse

LIZARD

Tiddy, J

LOSTWITHIEL.

Bassett, Frank T., Parade
Bassett, J., Parade
Bennett & Quiller, Parade
Brown, H. T., North St.
Rundle, John, King St.
Stephens, John, Summers Lane
Symons, J., Cripstone, Braddock
Whale, W. H., Couch's Mill, B[illegible]

MARAZION

Harris, Edward
Harris, W. G., Fore St
Miners, G.
Rowe, W. G., Canute Villa, Fore St.

[illegible]

[illegible]

[illegible]

[illegible]
[illegible]

[illegible]

[illegible]
[illegible]

PADSTOW, R.S.O.

Champion, H.
Derrick, W

PAR STATION, R.S.O.

Mabley, F. J

PELYNT, DULOE, R.S.O.

Wakeham, G

[illegible]

[illegible]
[illegible], T., 6, West End

PENZANCE

Burnett, J., & Son, 17, Rosvean Rd.
Cara, Geo., 28, St. Mary's Terr.
Carne, H., 31, Clarence St.
Chapman, Anthony, 97, Tolver Rd
Custing, [illegible], Clarence Sq
Dustow, J., Tolver Rd
Ford, Wm., & Son, 34, Belgravia St.
Hill, G. T., 1, Bay View Ter
Inch, W., Founder House
James, Jos., Coulson's Place
James, T., 13, Tolver Rd
Joseph, Jas., St. Mary's Place
Nicholas, S. & Son, 181, Belgravia St.
Paden [illegible], St. Mary St., Leskinnick
Pellew, J., Gwavas St.
Perkins, Caldwell & Caldwell, Victoria Sq.
Pidwell, E., St. Clare St
Pooley, A., Old Guild Hall
Stephens, W. H., 2, Albert Ter
Thomas, Jas., 13, Tolver Rd
Trounson, W. H., New St.
Tucker, Jas., Launsweth Rd.
Tytham, A., Gulval
Walters, R., 56, Belgravia St

PRAZE, CAMBORNE

Carah & Edwards

REDRUTH

Burnett, Wm
Carkeek, Alfred
Carkees, Arthur
[illegible]wadden, S., West End
Goldsworthy, J., 2, Penventon Ter
Gray, Charles, Heanton Ter
Gray, [illegible]
Gray, W. H., Barncoose Ter
Hancock, T. H., Cardrew Ter
Head, S., East End
Hodge, W. C., 11, Simmonds Ter.
Martin, Thomas, Basset St
Nicholls, A., & Son, West End
Odgers, J., Clinton Rd.
Opie, T
Salter, E., 24, West End
Tamblyn, W. E.
Tiddy, J., Lanner

ST. AUSTELL

Jacob, J. T., Weston Hill (Mason
Rickard, A., Nanpean
Smith, T. J., 32, Fore St
Smith, W. H., Bodmin Rd

ST. BLAZEY, Par Station, R.S.O.

Bounsall, W., Lower Green
Burley, J. T., Foundry St
Martin, W., Lower Green
Oliver, N., Fore St.

ST. BURYAN

Lugg, J

ST. IVES

Toy, R., St. Andrews St.

ST. JUST

Marks, W
Roberts, R. H., Bank Sq

ST. KEW, Wadebridge, R.S.O.

Cowling, T., & Son, Pendoggett

ST. MINVER, Wadebridge, R.S.O.

Bosankoe, W. (Mason
Male, John (Mason
Martyn, John (Carpenter

ST. STEPHEN'S, Grampound Road.

Gilbert, F. G.

Cornwall—*continued.*

Richards, T. [illegible], Coombe
Smyth, H. [illegible] & W. H., Coombe
Walters, [illegible]

ST. TUDY, R.S.O.

Worth & Hooper

[illegible] THERWIN, near LAUNCESTON

Strike, J. & W.

STRATTON, R.S.O.

Crutchett, J., Riverside

TRURO.

Clemens, M., 12, High Cross
Colliver, J., 25, St. Dominic St
Higgins, John, Kenwyn St
Julian, James, 1, Lemon Quay
Tippett, W. J., Navy Arms, Fairmantle St.

[illegible]

Hewitt, W., Lostwithiel St.
Jenkin, W. H., High[illegible]
Johns, W., Rose Cottage
Mitchell, J. H., North St.
Rundell, R., Station Rd

WADEBRIDGE

Goodfellow, J.
[illegible]
[illegible] T

WARBSTOW CROSS, Egloskerry R.S.O.

Squire, R.

Cumberland.

BRAMPTON

M[illegible] & Son (Plumber
[illegible]fold, J. (Painter, &c.)

[illegible]

Anderson, W., 8, Victoria Bldgs. Lowther St. (Plumber
Armstrong, D., Finkle St. (Slater)
Ballantine, W. N., Henry St. (Painter
Baty, J. & W., West Walls
Batey, W., Warwick Rd (Joiner
Beaty, Bros., Long Island, James St.
Beaty, J., 7, Old Post Office Court
Bell, J., Stanwix (Joiner
Bell, J., & R., Randall St
Black, G., Lorne St. [illegible]
Bain, Jos., Blackfriars St. (Plumber
[illegible]
[illegible]
[illegible]
Davidson, W. & H., [illegible] Joiners
Denard, J., Lowther St. (Painter
Fergusons & Sons, 70, Denton St (Plasterers
Forster, G., Albert Sq. Works (Joiner
Foster, C., Rosemary Lane (Plumber)
Gordon & Logan, Lonsdale St.
Graham & Crawford, Castle St. (Plumber
Harrington, J., East Nelson St. (Plasterer
Hetherington, R. T., Thomas St. (Joiner
Hewitt, J., 42, South St. (Joiner)
Hewitson, John, St. Nicholas St. (Slater
Hill, J. & T., South Henry St.
Hill, W. & M., Castle St (Plumbers & Painters
Holliday & Black, West Walls (Joiners
Hope & Heward, West Tower St. (Joiners
Johnstone Bros., 1, Blencowe St
Johnstone, Robert, London Rd
Kirk & Robley, Henry St. (Painters)
Laing, J., Denton St.
Laing, Wm., Murrell Hill
[illegible], W., Sheffield St. (Joiner
Little, John, Denton Holme (Joiner)
Little, Jas., Bridge St., (Joiner
[illegible], R., Westmoreland St. (Mason
Logan, J., 9, Solway Ter
Maconomy, J., Caldengate (Slater
Martin & Armstrong, Lowther St. (Joiners)
Matthews, H., Albany Villa, Warwick Rd
M[illegible], London Rd
M[illegible], E. M., Court St. (Joiner
[illegible], T., [illegible] Ct. (Slater
Omerod & Son, Close St. (Plasterers
Palmer, T., Church St. (Painter
Pape & Simpson, Charlotte St. (Joiners
Plaskett, Jos., 4, London Rd
Reed, J., Edward St. (Joiner)
Scott, T., Stanwix (Joiner
Smith, J. W., 22, Lowther St. (Plumber)
Smith, R., 5, Melbourne Cres., Charlotte St. (Slater)
Sowerby, T., King's Arms Lane [illegible]
Thomson D., & Sons, Barwise Court, English St. (Plumbers
Watson, T., Lowther St. (Painter
Westray, R., Lowther St. (Painter
Wilson, W., Castle St. (Joiner
Wilson, W. J., 38, Lowther St. (Plumber

CLEATOR MOOR, via Carnforth

Chapple & Sons
Pearson, R. & D., Jack Trees Rd.

COCKERMOUTH

Lister, MacCartney & Lister, 5, Henry St. (Masons
Robinson, P., Main St. (and Joiner
Walker, J., 80, Main St.
Waller, J. (Plasterer

DISTINGTON

Harrison, J., Main St.

EAMONT BRIDGE

Wilkinson, J

Cumberland—*continued.*

EGREMONT.

Ellbeck, H., Main St.
Smith, J., Main St.

HARRINGTON.

Kilip, H., Church Rd.
Simon, J., Quay

HESKET.

Armstrong, J.

KIRKOSWALD.

Watson, T.

MARYPORT.

Bell, J., Senhouse St.
Dixon & Nicholson, Netherton
Edmondson, G., Eaglesfield St.
Kendal, J., 37, Wood St.
Lee, P., Lawson St.
Mackenzie, G., North St.
Mandle, T., South Quay
Marlow, J. H., North Quay
Smith & M...
Collins, R., Coningbrook Bldgs.
Comer, J., Broad St.
Dendle, W., 3, Wilder Rd.
Dendle & Lewis, 17, Oxford Grove
Gammon, G., 8, Portland St., Ropery Rd.
Goss, J. R., 80, Oxford Grove
Minred & Symons, Wilder Rd.
Parkin, T., Brecknock House, Coronation Ter.
Parkin, G., Gilbert Grove
Pile, W. J., Chambercombe Rd.
Price, J., Laugleigh Ter.
Reed, F. J., 3, Green Close Rd.
Reed, G., Sandringham Cottage
Smith, W. B., Thornbrook Rd.
Talbyn, J., Mill House
Upton, T., 1, Green Close Rd.

INSTOW.

Lock, Thos
Pidler, John I.
Vanstone, Samuel, Lane End
Yeo, Henry

IVYBRIDGE.

Andrews, Geo., Park House

KENTISBEARE.

Goff, Charles, Gudisford

KINGSBRIDGE.

Chapman, Francis, West Alvington
Clements, Thos., Chillington
Farr Bros., West Alvington
Hooper, G., New Quay, Dodbrook
Kelland, W., Ebrington St.
Luckraft, J., Avetongiffard
Nunn, J., Church St., Dodbrook
Pearce, E., Fore St.
Perrott, J., Phoenix Pl.
Ruter, J. R., & Son, Tredana Ter.
Steere, T. & R., Avetongiffard
Veale, R., Aqua Vista, West Alvington Hill
Warren, Edwd., West Alvington
Wingate, H., Fore St.

KINGSWEAR.

Short, James
Short, John

LIFTON, R.S.O.

Rich, H. & J., Tinhay

LYMPSTONE, Exeter.

BEIGHTON (SHEFFIELD.)

Staveley, Thomas

BELPER.

Beresford, J., Lion Marble Works
Bodell, B., & Sons, Chapel St.
Glossop, Jos., Saw Mills, Ambergate, near
Loomes, Ed., The Butts
Marshall, W., & Son, King St.
Wheeldon, Bros., The Clusters

BIRCHVALE (near STOCKPORT).

Hudson, Joseph

BLACKWELL, ALFRETON.

Wilson, S., Hilcote

BOLSOVER.

Antcliffe, Chas.

Jackson, J., 33 & 34, Sandgate (Plumber &c.)
Moor, J., & Son, Roper Place
Purdy, J., Queen St.
Richardson, J., & Son, Elm Grove, Brunswick Rd.
Richardson, J., Wordsworth Ter.
Scott, T. & W., Corney Pl. (Plumbers &c.)
Smiley, G., Crown Square (Plumbers, &c.)

PLUMPTON.

Lowthian, T. (Mason)

WETHERAL.

Fisher, E., Wetheral Pasture (Mason)
Lawson, Thomas (Joiner)
Milbury, J.
Roper, Jos., Wetheral Pasture (Mason)

WHITEHAVEN.

Burlington, S., Preston St.
Coasins, R., Coach Rd.
Coward, M., Church St.
Davidson, R., Parton
Graister, T., 92, George St., and High Church St.
Jackson, R., Howgill St.
Kitchin, H., Corkickle
McGill, A., 13, School House Lane
Metcalf, R. D., George St.
Moorhouse, E., Mountain View
Young, J., Catherine St.

WIGTON.

Nicholson, G. (Plasterer)

WORKINGTON.

Hodgson, R. & H., Contractor's Office

...shire.

Crosby, John
Cuttles & Hughes
Handby, John
Haynes, G., Townend
Oakey, Henry
Tradervell, Geo.

BONSALL.

Axe, A.
Kirkland, Chas.

BORROWASH.

Brennan, J.
Clifford, J.

BRAMPTON.

Coates, W., Chatsworth Rd.
Hattersley, Chas.
Marsden, Bros.
Revill, Geo.
Rhodes, Wm.

BRIMINGTON, CHESTERFIELD.

Cropper, J.
Fox, J., & Son
Jephson, Wm.
Watson, I.

BUGSWORTH (near STOCKPORT).

Robinson, J.

BUXTON.

Ash, Richard, Hogshaw Works (Mason and Joiner)
Booth, E. W., Oakdene, Fairfield Rd. (Joiner)
Brown, Edward, Bridge St. (Joiner)
Bagshaw, G. J., Heath St. (Joiner)
Brocklehurst, G., South St. Works (Joiner)
Chappell, Wm., London Rd. (Mason)
Collier, J., Denton House, Fairfield Rd. (Excavator & Drainer)
Dalton, E., & Son, Bridge Street (Joiners)
Gill, J., Bridge St. (Mason)
Gladwin, J., Ivy Lodge, Hardwick Sq. (Mason)
Harrison, Jos., Market St. (Joiner)
Heathcote, Jos., Hogshaw Cottages (Excavator & Drainer)

Derbyshire—*continued.*

Holmes, J. H., South St. (and Joiner)
Hinch & Bennett, Hogshaw Works (Joiners)
Jones, James, West St. (Joiner)
Oakes, A. & E., Compton Road (Masons)
Oldfield, Geo., West St. (Mason)
Salt, E., Fairfield Rd., Fairfield (Joiner)
Salt, J., Devonshire Saw Mills, Higher Buxton (Mason & Joiner)
Sellors, J., Mount Pleasant, Fairfield (Mason)
Wall, A., Marlow St., Fairfield (Mason)
Worrall, John, Market Pl. (Mason)

CHAPEL-EN-LE-FRITH (STOCKPORT.

Goddard, G., Chinley
Hadfield, G., & Son, Oak House
Lowe, J.
Simpson, J., Chinley

CHESTERFIELD.

Askew, Wm. B., & Sons, Holywell Cross
Collis, J., Salter Gate
Fanshaw, J., White Lodge, Barrow Hill
Forrest, W., Station Rd.
Hardy, Isaac, Spring Gardens, Salter Gate
Heathcote, J., Lordsmill St.
Hilton, J., Sheffield Rd.
Madin, T., Dowdeswell St.
Magereson, I., Holywell St.
Needham, W., Holy Moor Side, near
Rollinson, C., Salter Gate
Slack, G., Station Rd.
Wright, J., 9, Beetwell St.

CLAY CROSS.

Griffin, Geo., Market St.
Hays, C. W., Thanet St.
Tinkler, E., Thanet St.

CODNOR, Derby.

Eyre, Bros

CRICH, near BELPER.

Haynes, John

CROMFORD.

Farnsworth & Son
Higton, F.

DARLEY, MATLOCK, BATH.

Bowler, Thomas, Darley Dale
Needham, Thos., Darley Hill Side

DERBY.

Bakewell, H., Normanton Rd.
Beeson, J., Darley Lane
Brewer, J., Curzon St. (Plumber)
Brown, A., Great Northern Rd.
Brown, J. B., Upper Madeley St.
Carson, G., Elton
Chattle, Henry, Empress Rd.
Dean & Co., Gerard St.
Dickinson, J., Ashbourne Rd.
Durant, George, Grange St.
Eaton, W., Summer Hill, Victoria St.
Evans, Saml., & Co., 6, Irongate (Plumbers)
Ford & Co., Talbot St.
Haslam, E., St. Helen's St. (Plumber)
Holmes, G., & Son, Bloomfield St.
Jerram, J., & Co., Babington La. (Plumbers)
Kelham, Thos., Normanton Rd.
Lomas, R. G., 37, King St. (Ecclesiastical Carver)
Morley, E., Gerard St. & Harcourt St.
Mosedale Bros., Lower Arthur St.
Mosley, S., Richmond Rd.
Parker & Cooper, King Alfred St.
Parker, J., & Son, 70, Friar Gate
Peach, G., 52, Parker St.
Pemberton, G., Normanton Rd.
Sorter, J. V., 17, Gerard St.
Smith, A., 7, Gordon St., & Empress Rd.
Tinkler, S., Derwent St. (Ecclesiastical Stone Carver)
Todd, George F., 6, Parker St.
Tomlinson, J. T., & Co., Belgrave St.
Tomlinson, J., Ashbourne Rd. (Railway Contractor)
Vernon, H. Drewry Lane
Wagg, Geo., Pear Tree Rd.

Walker & Slater, Uttoxeter Old Rd.
Walkerdine, W., Bridge St.
Weston, R., Leacroft Rd.
Wass, E., Park St.
Wooding, A., 135, Upper Dale Rd.

DORE (SHEFFIELD).

Marsden, Joseph

DRONFIELD (SHEFFIELD).

Margereson & Sons

DUFFIELD.

Bates, John
Clarke, Mark
Kent, Henry

ECKINGTON (ROTHERHAM).

Fidler, James
Stevenson, F.

EDALE.

Rowbottom & Sons

ETWALL, DERBY.

Platts & Co.

GLOSSOP.

Charlesworth, J., Shrewsbury St.
Fielding, C., Whitfield Cross
Garside, C., & Co., Ltd., Surrey St.
Goddard, T. & W., Whitfield

GREENHILL, SHEFFIELD.

Benson, John
Harrison, H.

HADFIELD.

Grice, R., Stonyforth St. (Contractor)
Sidebotham, H., Station Rd.
Sutton, T., Railway St. (Contractor)
Warhurst, C., & Sons, 138, Station Rd.

HASLAND.

Brown, D., & Son
Hook, J.
Randall, Walter

HATHERSAGE.

Wilson Bros.

HAYFIELD (near STOCKPORT).

Mason, E.

HEANOR, R.S.O. (near NOTTINGHAM).

Oldershaw, W., & Sons

IDRIDGEHAY, DERBY.

Stevenson, John

ILKESTON.

Clayton, Ed., Nottingham Rd.
Goddard, F., East St.
Harper, J., Orchard St.
Hazelwood & Marson, South St.
Holbrook, Wm., Bath St.
Holmes, Wm., Heanor Rd.
Ireson, W. V., 5, East St.
Johnston, A., North St.
Johnston, D., Bath St.
Lenny, Wm., Lower Granby St.
Manners, J., South St.
Nickle, J. H., Bath St.
Page, E., Stanton Rd.
Reeve, John, Mill St.
Richards, W., Cotmanhay Rd.
Scott, Walter, Orchard St.
Shaw, F., Senr., Wilmot St.
Shaw, W. E., Rutland St.
Smedley, P., Wilton Pl.
Thompson, T. F., 9, Graham St.

KIRK IRETON, DERBY.

Doxey, William
Sherwin, S.

KIRKLANGLEY.

Cooper, Geo.

LITTON BUXTON.

Hill, A.

LITTLE EATON (near DERBY).

Bates, Arthur

LONG EATON, R.S.O.

Brown, J., 12, Waverley St.
Bull, John, Sawley Rd.
Fullalove, G., Market Pl.
Fullalove, Wm. (Joiner)
Pepper, Wm. (Joiner)
Perks, F., & Son, Bridge St.
Poxon, S., Lawson Avenue
Redford, J., South St.

Derbyshire—*continued.*

Rose, W., High St.
Taylor, C.
Youngman, G., South St.

MATLOCK.

Askew, W. B., Matlock Bridge
Bridge, A. B., Matlock Bridge
Knowles, W., & Son, Matlock Bank
Robinson, J., Matlock Town
Statham, W., Matlock Town
Wildgoose, L. T., Matlock Bank

MELBOURNE, near DERBY.

Barton, Wm.

MOSBOROUGH, CHESTERFIELD

Drabble, John

NEW MILLS, via STOCKPORT.

Boyle Bros., High Lea Rd.
Hudson, J., & Sons, Low Leighton
Redfern, Alfred, Spring Bank
Scattergood & Warrington, Hurst Field Saw Mills
Stafford, T. W., Chapel St.

PILSLEY, near CHESTERFIELD.

Hall, W., The Terrace
Rouse, Charles
Spencer, Geo.

RIDDINGS, ALFRETON.

Brentnall, A. C.

RIPLEY, near DERBY.

Clark, H.
Clower, W.
Cresswell, J. H., Green Hillocks
Fletcher, J., [illegible]
Harris, W., Marehay
Jackson & Gee
Norman, W., Marehay Cottage

SANDIACRE

Bailey, Wm., The Hill, Derby Rd.
Bastable, G., Derby Rd.

SNELSTONE, ASHBORNE

Thorley, Wm.

SOUTH NORMANTON.

Weston, R., Saw Mills

SOUTH WINGFIELD, Alfreton.

Truman, R.

SPONDON, near DERBY.

Meakin, Ed.

STAVELEY, Chesterfield.

Stone, S., & Sons

SWADLINCOTE.

Clarke, E., Stanley St.
Ward, W., Market Pl.

TIBSHELF, ALFRETON.

Bingham, G.
Smith, John

TIDESWELL.

Hill Bros.

TOTLEY (SHEFFIELD).

Hattersley, R.

TUPTON, CHESTERFIELD.

Berry, John, New Tupton
Davenport, Thomas, New Tupton

TURNDITCH, near DERBY.

Clark, Chas.

WEST HALLAM.

Brough, W.

WHITTINGTON, Chesterfield.

Marsden, Geo., Shaws St., Whittington Moor (Road and Sewage Contractor
Oultram, J., & Son, 61, King St., Whittington Moor (Joiner
Sims, John, New Whittington
Wain, Jas., & Sons, King St., Whittington Moor

WHITWELL, Chesterfield.

Jackson, John

WINSTER, Derby.

Carson, Geo.
Heathcote, Wm., & Sons

[illegible]

Clark, W., Ecclesbourne Terrace
Fox, S., & Son
Killer, J., 22, North St.
Knowles, J., & Son, Brassington, near
Walker & Sons
Walker, J. & J., Bolehill

Devonshire.

ASHBURTON.

Foaden, J. H., Sparnham
Stevens, H., Hazeldene

[illegible]

Steers Bros. (Masons)

AXMINSTER.

Clarke, J. F., South St.
Cloud, G., South St.
Parsons, W., South St. (Mason)
Perryman, F., & Son

BARNSTAPLE.

Allen, Wm., High St. (Plumber and Glazier
Bale & Heayel, Newport (Painters and Glaziers)
Barwick, T., Vicarage St. (Mason)
Brannam, Jas., Litchdon St. (Plumber)
Bryant, J., & Son, Bear St. (Stone Masons)
Burgess, Henry, 45, Bear St. (and Joiner)
Carter, Giles, Joy St. (Plumber, &c.)
Chapple, John, Joy St. (Plumber
Cooke, W., Bear St. (and Joiner
Copp, John, Pelton (Mason
Croot, Martin, 98, High St. (Painter and Glazier)
Gammon Bros., Maudlin St., Derby (Joiners
Gammon, Thos., Derby (Joiner
Garland Bros., 36, Higher Maudlin St., Derby (Masons)
Garland, W., & Sons, Boutport St.
Hancock, J., Pilton
Hill, [illegible], Gloster Rd., Newport
Hussell, Wm., Derby (Joiner
Lake, Chas., Boutport St. (Plumber etc.)
Parminter, J., Ashleigh Rd.
Pearce Bros., Newport (Masons
Perkins, T., Maudlin St., Derby (Mason)
Rafarel, Wm. C., The Barnstaple Foundry (Hot Water Engr. and Founder)
Ridge, R., 15, Cross St. and Strand (Carpenter and Joiner)
Sanders, Wm., 5, Alexandra Place (Mason)
Seldon, John, Castle St. (Mason)
Sillifant, H., Vicarage St. (Carpenter and Joiner
Slee, Wm., Bicton St. (Mason)
Thorne, J., Bear St. (Carpenter and Joiner)
Wakley, J., Gloster Rd., Newport
Youings & Son, Bear St. (Stonemasons
Young, J. D., & Son, Lion Iron Works (Hot Water Engineer and Founder

BEER, near Seaton.

Perkins, Jas., The Square

BIDEFORD

Adams & Paddon, 13, Chingswell St.
Buckway, Thos., Elm Grove, Belvoir

Devonshire—*continued.*

Braund, C., 8, Meddon St. (Painter)
Cock, Lamerton, Church Walk, and High St.
Ellis, E., 47, Mill St.
Fulford, W. L., & Son, 21 and 22, Honestone St.
Gent, W. E., Chingswell St.
Harding, George, Cold Harbour
Harris and Sing, Belvoir
Jewell, W. H., Market Place (Plumber)
Joint, W., Honestone St.
Lamerton, J., 36, High St.
Pickard, W. B., High St. (Painter)
Pound, J. R., & Son, Mill Street (Painters)
Shadwick, W., Belvoir
Sing, R., Clovelly Rd.
Squire, Caleb, High St. (Decorator)
Symons, Charles, Summer Hill House (Plumber

BRADNINCH, Cullompton.

Nicks Bros.

BRAUNTON

Brimley & Sons
Slee, Wm., Caen St. (Mason)

BRIXHAM

Harley
Hayman
Hazlewood Bros.
Sparks, J., Fore St.
Wills, W., Berry Hill Rd.

BROADCLYST, EXETER.

Fisher, George

BUCKFASTLEIGH.

Arscott, George, Plymouth Rd.
Furneaux, Samuel, Silver St.
Jackson & Son, Jordan St.

BUDLEIGH-SALTERTON.

Barnes, F., Pebble Lane
[illegible]
Palmer, F. C., High St. and East Budleigh

CHAGFORD.

Aggett, H. & E., Mill St. (Masons)
Brimblecombe, G., New St. (Carpenter and Joiner)
Collins, J., Monte Rosa (Carpenter and Joiner)
Dawson, J., Mill St. (Carpenter)
Ellis, Hy., Leach's Tenement (Mason
Painter, C. & W., New St. (Stonemasons
Rice, R., & Son, New St. (Masons)
Stone, William, Meldon (Mason
Stone, Wm. H., Junr., New St. (Plumber
Underhill, R. D. & J., Lower St. (Carpenters and Joiners

CHERITON BISHOP, EXETER.

Harvey, Henry, Royal Oak

CLYST ST. GEORGE, TOPSHAM

Steer, J. L., & H.

CLYST ST. MARY, EXETER

Pratt, N.

COLYTON, AXMINSTER.

Richards, A.

CREDITON

Berry, W. B., Union Rd. (Mason)
Brook, J. S., 4, Union Rd.
Dart, W., & Son
Jones, T., High St.

CULLOMPTON.

Clark, H., [illegible]
[illegible]
[illegible]
[illegible]

DARTMOUTH

Henley, E. J., Market Sq.
Pillar, L. C., Newcomen Rd.
Pillar, R. T., Lower St.
Row, R., Charles St.
Veal & Maunder
Voisey, Fredk. J., Clarence Hill

[illegible]

Cox Bros., [illegible]
Cudlay, R., 8, King St.
Friend, F., High St.

Harvey, T., Lauderdale, Exeter Rd.
Hawking, W. C., 30, Strand
Johns, E., 10 and 11, King St. (Plumber)
Lamacraft, J. H. G., 4, Park Rd.
Shapter, T., & Son, Brook St. (Plumbers & Painters)
Westcott, J., High St.

DEVONPORT.

Bryant, H., 41, James St.
Greenslade, T., & Son, 67, Chapel St.
Healey, James, 33, Princes St.
Jenkin, T., & Son, 45, Marlborough St.
Kestell, E. C., James St.
Littleton, W., 44, Garden St., Morice Town
Perkins, S., St. Aubyn St.
Potter, W. J., Mount St.
Smith, G. H., & Son, 5, Belmont Place & 7, Tavistock Rd., Stoke
Tippett, W. J., [illegible], Fremantle St.

[illegible]

Hewitt, W., Lostwithiel St.
Jenkin, W. H., Highway
Johns, W., Rose Cottage
Mitchell, J. H., North St.
Rundell, R., Station Rd.

WADEBRIDGE

Goodfellow, J.
[illegible]
[illegible]

[illegible]

...rland.

Luttimer, W., Sheffield St. (Joiner
Little, John, Denton Holme (Joiner)
Little, Jas., Bridge St. (Joiner
Little, R., Westmoreland St. (Mason
Logan, J., 9, Solway Te.
Maconomy, J., Caldengate (Slater
Martin & Armstrong, Lowther St. (Joiners
Matthews, H., Albany Villa, Warwick Rd.
[illegible]
[illegible]
[illegible]
[illegible] St. (Plasterers
Palmer, T., Church St. (Painter
Pape & Simpson, Charlotte St. (Joiners
Plaskett, Jos., 4, London Rd.
Reed, J., Edward St. (Joiner
Scott, T., Stanwix (Joiner
Smith, J. W., 22, Lowther St. (Plumber
Smith, R., 5, Milbourne Cres., Charlotte St. (Slater
Sowerby, T., King's Arms Lane (Plumber
Thomson, D., & Sons, [illegible], English St. (Plumbers
[illegible]

[illegible]

[illegible], Rolle St.
[illegible], Victoria Rd.
Box & Hanger, Manchester St.
Burridge, Thos., The Baths
Cooper, W. S., & Son, Beacon Pl.
Dart, H., Meadow St.
Grace, F., Manchester St.
Greenaway, A., Percy Terrace
Hayman, A., Back St., & Fore St.
Hooper, H. H., Exors of, Clinton Ter.
Hooper & Stooke, 6 and 7, Raleigh Terrace
Perry, W. H., 3, Hamilton Terrace
Ponsford, R. B., Albion St.
Stokes, W. J., 64, Bicton St.

HALWILL, Lifton, R.S.O.

White, Marwood

[illegible]

[illegible]

Devonshire—*continued.*

Heard, John, Hall Ct.
Hooper, Richard, Bridge St.
Petherick, John, George Hill
Petherick, Samuel, High St.

HOLSWORTHY.

Bassett, J., Bodmin St.
Beckley, R., Crimps, St. Pancras Week
Beckley, Wm., Church St.
Withn, Wm., Station Rd.

HONITON.

Berry, W. T., High St.
Turner, C

ILFRACOMBE.

Ba.ment, W., Church St.
Bowen, J., St. Brannocks Rd.
Britton & Pickett, 71, Fore St.
Brooks, W. J., Brookcliffe House, Arcade Rd
Brooks, W., Coronation Ter
Collins, R., Collingbrook Bldgs.
Comer, J., Broad St.
Dendle, W., 3, Wilder Rd.
Dendle & Lewis, 17, Oxford Grove
Gammon, G., 8, Portland St., Ropery Rd.
Goss, J. R., 30, Oxford Grove
Manred & Symons, Wilder Rd.
Parkin, T., Brecknock House, Coronation Ter
Parkin, G., Gilbert Grove
Pile, W. J., bambercombe Rd.
Price, J., Langleigh Ter
Reed, F. J., 30, Green Close Rd.
Reed, G., Sandringham Cottage
Smith, W. B., Thornbrook Rd.
Tallyn, J., Mill House
Upton, T., 1, Green Close Rd.

INSTOW.

Lock, Thos
Pidler, John T.
Vanstone, Samuel, Lane End
Yeo, Henry

IVYBRIDGE

Andrews, Geo., Park House

KENTISBEARE.

Goff, Charles, Gudisford

KINGSBRIDGE.

Chapman, Francis, West Alvington
Clements, Thos., Chillington
Farr Bros., West Alvington
Hooper, G., New Quay, Dodbrook
Kelland, W., Ebrington St.
Luckraft, J., Avetongiffard
Nunn, J., Church St., Dodbrook
Pearce, E., Fore St.
Parrott, J., Phœnix Pl.
Ruter, J. R., & Son, Tredana Ter.
Steere, J. & R., Avetongiffard
Veale, R., Alma Vesta, West Alvington Hill
Warren, Edwd., West Alvington
Wingate, H., Fore St.

KINGSWEAR.

Short, James
Short, John

LIFTON, R.S.O.

Rich, H. & J., Tinhay

LYMPSTONE, Exeter.

Venman, E. G.

LYNMOUTH, Barnstaple.

Legg, J

LYNTON, Barnstaple.

Jones, Bros.

MODBURY.

Crocker & Son

MONKLEIGH

Beer, Thomas, & Son

MORTON HAMPSTEAD, Newton Abbot

Blackmore, A., Station Rd.

NEWTON ABBOT.

Dearne, L., Steam Joinery Works

Cornelius, John, "Ferndale"
Dobell, C. & F., 89, Devon Sq.
Francis, Bros., East St.
Mills, H., 64, Queen St.
Parker, Bros., 12, Courtenay St.
Stacey, F. A., St. Paul's Rd.
Stevens, C., 46, Courtenay St.
Zeally, J., Powderham Rd.

NORTHAM.

Chapple, L., Castle St.
Cook, T
Horrel, Arthur
Lock, J.
Moulton, —
Sanders, T., Castle St. (Mason)

OTTERY ST. MARY.

Carnall, Ed., Paternoster Row
Channa, W.
Williams, F

PAIGNTON.

Bridgeman, M., Garfield Ter.
Dellafield & Pollard, Torquay Rd
Drew, C. & R. E., 3, Town Hall Ter
Harris, R. J., Adelphi Villas
Rabbich, H. P., Victoria St.
Smardge & Curtis, New St
Tamewell, G. & F., Preston Rd
Webber, G., 6, Hyde Rd
Webber, H., Dartmouth Rd.
Westlake, E., Palace Place

PARKHAM.

Jewell, H

PLYMOUTH.

Andrews, A., 8, Evelyn Place
Berry, J. P., West Hoe Building Yard
Blackell, J. H., 45, King Gardens
Blake, Wm. E., 11, Salisbury Rd
Blowey, P., 2, Nottingham Place
Bone, W. T., Tresillion House, Cattedown Rd
Coles, A. N., High St., Stonehouse
Crews, T., Emma Pl., Ope, East Stonehouse
Deacon, J., Durnford St., Stonehouse
Finch, G. P., 2, Grenville Ter.
Finch, J., 11, York St.
Foot, I., 10, Notte St.
Goad, & Co., Mutley
Goad, John, Hyde Park Rd., Compton Gifford
Goad, W. G., 14, Alexandra Rd., Mutley
Gould & Son, Sydney Ter., Oxford St.
Ham, J., & Son, 13, Portland Sq
Ham, W., Elm Villa, Mannamead
Harvey, S., 165, King St
Hoskin, G., Lower Compton, near
Hosking, J., 1, Baring St
Jenkin, W. T., 3, Kirby Place
Keswell, Hy., 18, Cobourg St
Lapthorn & Co., 1, Clarendon Place
Lethbridge, A. R., & Son, Tracy Building Yard
Lethbridge, Wm. H., 1, Oxford Pl
Marshall, J., Sutton Rd.
Marshall, A. E., Hoe Gate St.
Matcham & Co., Ltd., Mount Pleasant
May, T., 23, Cobourg St
Nicholls, Geo., 3, Seaton Terrace
Palmer, J. H., 23, Prospect St.
Pulk, W., 34, Cobourg St.
Parsons & Son, 23, King Gardens
Parson, J. W., Brunswick House
Partridge, J., Lockyer Rd.
Payne, C. J., Shute Park, Glanville St.
Pearn, T. A., & Sons, 5, Bernard Pl
Pellors, W., 62, Connaught Avenue, Mutley
Perriton, E., 79, King's Gardens
Pethick Bros., Norley Yard
Piper, F. J., Leigham Ter
Roberts, S., Mount Plym House
Rogers, R., 36, Seymour Avenue
Shaddock, W., 5, Hillsboro
Shellabear, G., 23, Washington Ter., Mutley
Shepperd & Son, 40, Richmond St.
Taylor, J., 13, Battery St., Stonehouse
Taylor, Thomas, & Son, East Stonehouse
Tozer & Son, 1, Alderney Ter., Beaumont Rd.

Devonshire—*continued.*

Trevena, W., Barley Estate Building Yard, 44, Hastings St
Turpin, G. B., 4, Courtenay St.
Wakeham Bros., Tothill
Wakeham, W. G., Springfield House
Warren, W. S., 1, Edna Ter., West Hill, Mutley
Westlake & Waldron, 8, St George's Ter., Stonehouse
Willcocks, T., Prospect House
Wilson, W. E., Henley Villa, Alexandra Rd., Mutley
Wyatt, J., Crown Hill, near

SEATON

Gollop, S., Sidmouth St.
Newton & White, Seaview Ter.
Taylor, W. J., 5, The Avenue

SIDMOUTH.

Critchley, M.

R. W. & J. SKINNER,

Builders

and

Contractors,

19. JUBILEE TERRACE,

Sidmouth.

Taylor, H.
Tucker & Sons

SOUTH BRENT

Codd & Sons
Cranch Bros., Station Rd.
Hosking Bros., Station Rd.
Veale & Son

SOUTH MOLTON.

Sanders & Son, 119, East St.

STARCROSS, R.S.O.

Cole, J. B.

TAMERTON FOLIOT, Crown Hill, R.S.O.

Maddock, Geo.

TAVISTOCK.

Higman, W. H., 7, Bank Sq.
Jole, F., Meadwell Keley, Sefton
Menhinnick & Sons, Brook St.
Roskelly, Isaac, Road Mill

TAWSTOCK, BANSTAPLE.

Blackmore, J., St. John's Chapel

TEIGNMOUTH

Andrews, E., 18, Northumberland St.
Cornelius, J., 9, Ferndale Rd.
Cox, J., Salisbury Ter.
Curtis, G., Higher Brook St.
Esworthy, —, Fore St.
Francis, C., Northumberland Pl.
Furler Bros., 23, Bank St.
Hayman, G., Higher Brook St.
Hayman, J. J., 4, Holland Rd
Lee, George, 30, Dawlish Rd
Mortimer, C., Brook Hill
Slocombe, A. H., 4, Den Crescent
Turpin, W., 2, Dawlish Rd.

THORVERTON.

Short, J
Wescott, J.

TIVERTON.

Arthurs, A., Bampton St. (Carpenter)
Barrons, W., Deepway
Candy, J., Townsend
Chancellor, E., 18, St. Peter's Ter.
Collard, W., Lowman Green
Cottrell, John, Elm Grove
Davy, John, Westexe South
Deering, J., & Sons, Barrington St
Gibbons, Wm., Barrington St.
Grater Bros., Townsend
Hannabut, W., Bampton Street (Carpenter)
Holcombe, John, Westexe South
Loosemore, Wm., 16, Market Ter.
Manning, Samuel, Barrington St.
Moslane, H., Fore St. (Carpenter)
Parr, Thos., Newport St.
Perry & Son, Bolham
Perry & Richards, St. Andrew St. (Carpenters)
Physick, C., Beck's Sq
Pleass, J. W. A., Angel Hill (Plumber)
Pyle, P., Townsend
Reed, E., Wellbrook St.
Reed, R., Wellbrook St.
Sayer, G. E., Gold St. (Plumber)
Taylor, F., 1, Melbourne Cottage (Carpenter)
Tucker Bros., Rock, Bolham
Tucker, G., Water Lane
Wood, Frank, Lurley

TOPSHAM.

Gould, H., Monmouth St.

TORQUAY.

Bovey, E. P., Torwood
Chubb, J., 13, Elstow Ter.
Cocks, C., Wellswood
Ellis, W., St. Mary Church
Goss Bros., Ellacombe
Harris, —, Hyde Rd.
Harris, A., Hampton Pl., St. Mary Church
Hawkins, S., Chelston Vale
Leaman, A. S., 16, Brunswick Sq., Torre
McKellar, J., Warren Rd.
Pack, S., Church St.
Smale, G. K., 1, Cambridge Ter., St. Mary Church
Smerdon, J., Warren Hill
Vanstone & Mumford, Belgrave Rd
Wyatt, S. D., 34, Ellacombe Church Rd
Yeo, R. F., Coburg Joinery Works, Rock Rd.

TORRINGTON.

Grant, E. W., Potacre St.
Grant, H., South St.
Labbett, H., New St.

TOTNES.

Brook, Thos., Bridgetown
Cole, J. G., Warland
Goodridge, Wm. Hy., Bridgetown
Leaman, W., Leechwell St.
Reeves, J., South St.
Reeves, W., High St.
Richardson, John, South St.
Selwood, J., Fore St
Stabb, G., 4, Plymouth Rd.
Tozer, Robert, High St.

WOODBERRY, Exeter.

Phillips, A. E.
Stokes, —

WOOLACOMBE, MORTHOE.

Beer, Thomas, & Son

Dorsetshire.

BEAMINSTER.

Chambers, W.
Hann, C & A., Prout Bridge

BLANDFORD.

Archer J W., & Sons, Whitecliffe Mill St
Green, A H North Pl
Norman & Sons, 16 East St.

BRIDPORT.

Bartlett, H., Shipton Gorge
Brooks, R B., 46, South St.
Cooper, W. J., Allington
Hawkins, J., Belgrave Ter., Bradpole Rd.
Patten, Thos., 62, East St.
Spencer, J., Chard's Mead Rd
Williams, R. B., Walditch

BROAD MAYNE, Dorchester.

Eelby, J

BROADWAY, Dorchester.

Strange & Barnes

CERNE ABBAS

Northover, W G.

CHARMINSTER, Dorchester.

Harvey, Abel

CHICKERELL.

Raishley, W

CORFE CASTLE

Luther, Thos., East St.

CRANBORNE.

Coombs, T
Vincent, J.

DORCHESTER

Barrett, P. & Son, Grey's Orchard
Davis, R., & Son, Trinity St.
Griffin, W H., South St.
Guy, J., & Son, Steam Wood Working Works
Hutchings, W., 3, Wollaston Rd.
Rendell & Co., 31, High St., West
Sainsbury, J., Gordon Ter., Fordington
Slade, C. E., South St.
Tidby, J., High St., Fordington
Tilley, L., & Son, Fordington Hill
Tilley, W., & Son, Princes St.
Watkins, W J., Danvers Rd.
Wellman, T., High St., Fordington
Willshire, G., & Son, 23, Bridport Ter.

EVERSHOT.

Conway, H.

FONTMELL MAGNA.

Edwards, G.

GILLINGHAM.

Barnes, Alfd., The Square
Bracher Bros
Doggrel, T
Hudson & Martin

HASELBURY BRYAN, Blandford.

Hutchings, W

KINGTON MAGNA, Gillingham.

Brickell, H.

LONG BREDY, Dorchester.

Fry, Walter

LYME REGIS.

Cooper, H. T., Silver St.
Randall, H., Nuremburg House

MARNHULL, Blandford.

Wilkins, Walter, Church Farm

MILBORNE PORT, Sherborne.

Pitman, George

MILTON ABBAS.

George, E.

OSMINGTON.

Miller, J.

PARKSTONE.

Allner, A., Commercial Rd.
Allner, R., & E J., Heatherlands
Badrew, W., Alton Office
Baker & Pearcy, Church Rd.
Chinchen & Co.
Gulliver, T., Heatherlands
Hitching, D., "Zingaria"
Saunders, S., Leyton Rd., Upper Parkstone
Stark & Co., Ashley Cross
Wilson, A. & F., Church St.
Wilson, John, Salterns Rd.

PIDDLETOWN, Dorchester.

Hardy, Wm.

POOLE.

Burt & Vick, Market St.
Crane, W. G., Ringwood Rd., Longfleet
Dibbin, J., Emerson Rd., Baiter
Faton, J., Baiter
Gray, W H., Market St.
Harwood, Longfleet
Lander, J., Market St
Morris, W. M., West Quay Rd.
Pearcey, Wm., Victoria Rd., Longfleet
Rigler, John, West St.
Rigler, T. C., Victoria Rd., Longfleet
Saunders, A. D., Ashley Rd., Longfleet
Tilsed, Thos. J., Seldown, Longfleet
Wheeler, W., Parkstone Rd., Longfleet

PORTLAND, ISLE OF

Beer, J., & Son, Easton Sq.
Conway, Jas., Mallams
Lynham, J., The Straits
Patten, J J., Fortune's Well

SHAFTESBURY.

Dean, R.
Hiscock & Dean
Osborne, F W.

SHERBORNE.

Barrett, W., Westbury
Betten, H., Coldharbour
Caines, A., Hound St.
Carey, W T., Charlton Horethorne
Croft, W., Bradford Rd.
Gerrer, F
Hamblin, D., Horsecastles
Hayward, O., Longburton, near
Hebditch, H., Long St.
Penny, L. A., Newland
Sealey, J
Tout Bros., Charlton Horethorne

STALBRIDGE

Curtis, R., Farm St.
Curtiss, Saml., High St.

STURMINSTER, NEWTON.

Knott, Frank, Rixton

SWANAGE.

Cleall, F. L., Belvedere (Plumber and Painter
Hardy, H & J., Albany Workshops
Hardy, W M., Spring Hill
Holt, W., High St. (Plumber)
Parsons & Hayter, Park Rd.
Pond, Geo., 2, St. Mary's Pl.
Lodge, W., 6, Eldon Terr. (Joiner)
Mitchell, C H., St. Keverne Plumber
Smith, F., Northwood House
Smith, Hugh, York Terr., High St.
White, H. W., Mount Pleasant (and Joiner)

THORNFORD, Sherborne.

Andrews, J., & Son
Fooks, E
Hellyar, H
Hellyar, Robt

TOLLER.

Legg, G., Great Toller

WAREHAM.

Churchill, H., South St.
Gillingham, P. P., Stoborough
Hibbs, Frank, East St.
Hobbs, G., St. Johns
Laws, John, West St.

WEYMOUTH

Bagg, J., & H., Avenue Rd.
Bartlett, J. A., 4, Franchise Terr. Chapeley
Board, S. J., Ranelagh Rd.
Bowring, G., 10, Richmond St.
Clarke, A. A., Kirtleton Avenue
Conway, T., Commercial Rd.

Dorsetshire—*continued.*

Dowell, W. G., William St.
Foot, H., Derby St
Mace, E., St. Albans St.
Masterman, A J., Stanley House, Ranelagh Rd
Purchase, J., Victoria St.
Stone, C J., 10 and 12, Park St
Vine, W., William St.
Whettam, J T., Wilton Terr.

WIMBORNE.

Baker & Son
Judd, R.
Meader & Co., West Borough

WINTERBOURNE ABBAS, Dorchester.

Atkins, H. J.

WOOL.

Runyard, G.

WYKE REGIS, Weymouth

Bishop, J

Durham.

BARNARD CASTLE

Hepworth, B
Kyle, J., & Son

BIRTLEY.

Burnett, J., & Son

BISHOP AUCKLAND.

Abbott, W., Bondgate
Bell, G H., 13, Edward St.
Blackett, R. & Son, Station View
Braithwaite, J., & Son, 98, Newgate St.
Burlinson, R., & Co., Wear Valley Steam Joinery Works
Dowson, G. W., South Rd.
Gibson, J. & W., South View
Hilton, Thos., Peel St.
Hudson, Wm., Saw Mills & Joinery Works
Manley, James, 36, South Church Lane
Manners, T., Albert Hill Ter.
Robson, J., South Rd
Ryder, J & R., South Rd.
Vickers, J., Princes St.
Walker, J. & Son, Tenters St.
Watson, N., Frederick St.

BLACK HILL.

Ayton & Sons
Egglestone, Geo.
Eltringham, J., Railway Ter.
Robson, W D., & Co., Wesley Ter.
Snowdon, W., Durham Rd.
Taylor, E. & J. R., St. Cuthbert's Ter., Benfieldside Rd.
Westgarth & Brown, 37, Durham Rd.

BLAYDON-ON-TYNE.

Atkinson, H., Summer Hill
Jemmison, W
Wood, Richard, 9, Greenwell St.

BYERS GREEN, Spennymoor.

Hewitson, Jos.

BURNOPFIELD, R S.O.

Davis, A. & R.
Robinson, Thos (Joiner)
Scott, John (Joiner)

CHESTER-LE-STREET.

Bolam, John W., Pelton
Carr, Geo. G., Pelton
Craven, Thos., Beamish, near
Cuthbertson, J
Greaves, C., Nelson Ter.
Horman, W
Jennings, J. & Son
Jopling, J.
Lodge, W., & Son, Plawsworth
Norman, William
Oates, Isaac, Picktree
Thompson, T., & Son

COCKFIELD, R.S.O.

Walker, Smart, The Green

CONSETT

Ridley, W., Palmerston St.
Routledge, J., Edith St.

CORNFORTH, Ferry Hill.

Mann, J. T

COXHOE.

Sanderson, Thos

CROOK.

Baston, William, Hope St.
Hare, John, Gladstone St.
Hinchley, John, Church Street (Plumber)
Lax, John, Market Pl
Lister, G., & Son, Hope St.
Walton, Thomas, Commercial St.

CROXDALE.

Forster, William

DARLINGTON.

Adamson, R. & S., Gainford, near
Airey, J. & J., 79, North Rd.
Bowe, G., Priestgate (Painter and Decorator)
Carter, J. N., Post House, Wynd (Painter and Decorator)
Davison & Son, 78, Skinnergate, (Painters and Decorators)
Dryden & Wood, Tubwell Row (Painters)
Franks, W., Wooler St. (Joiner)
Guthrie, J., 33, Wooler St.
Hoskins, W H. & W., Blackwellgate (Painters and Decorators)
Ineson Bros., Union Row
Jamieson, W., Duke St. (Joiner)
Kitching, R., Bank Top
Lancaster, W., 57, Bondgate (Slater)
Law, J., Chesnut St. (Painter and Decorator)
Lishman, T., 35, and 36, Bondgate (Plumber)
Marshall, G., Stanhope Rd.
McDermid, Russell St. (Painter, &c.)
McKenzie Bros., Duke St.
Metcalf, T., 2 & 3, Horsemarket (Painter
Petch, H., Parkgate (Plumber)
Renshaw, T., Westmoreland St.
Robinson, J., 16, Leadenhall St.
Robinson, T., & Son, Victoria Embankment (and Plasterers)
Robson, John Geo., Acorn House, Cleveland Ter. (and Joiner)
Russell & Sons, Blackwellgate (Plumbers)
Smith, E., Blackwellgate (Plumber)
Smith, R., Skinnergate (Plumber)
Smith, R T., Bondgate
Stairmand, T., 9, Kendrew St. (Joiner
Wallis, Robert
Waudless, J., 2, High Ter. (Slater)
Watson, John, North Eastern Ter.
Wharton, J. & G., Northgate (Slaters)

DIPTON, R S.O., via Lintz Green.

Johnson, W., Flint Hill
Mordue, T (Joiner)

DUNSTON-ON-TYNE.

Bewley, Isaac, Ravensworth Rd.
Mole, N., Ravensworth Rd.
Noble & Waugh

DURHAM.

Bradley, P., Easington Lane
Bradley, J. G., 30, The Avenue

Durham—*continued.*

Francis Caldcleugh,
Builder and Contractor,
DURHAM.
Works Executed include—
New Churches, Skelton, in Cleveland, £11,000. St. Matthew's, Newcastle, £7,500. St. Peter's, Monkwearmouth, £1,900 woodwork; Messrs. Johnson & Hicks, Architects. Brotton Church, £4,500, and woodwork of Shilbotel Church, £1,000; Messrs. Hicks & Charlewood, Architects. Restoration at Sedgefield Church; A. Salvin, Esq., Architect. Woodwork at Ridley Hall, Northumberland, £3,000, Messrs. Johnson & C. Hick, Architects. Oak seating, St. Oswald's, Durham, Chancel Screen, Bromfield, Shropshire, and several others, also Oak Work for Durham, Wilton, and Brancepeth Castles. Woodwork [illegible] Chapter House, Durham [illegible] Fowler, Esq., Architect [illegible] School, Durham, £3,000, E [illegible] Robson, Esq., Architect, and similar works.

Carrick, John
Coates, T., 76 Claypath
Gibson, C W., [illegible]
Gredon G & Son, North Rd
Hodgson, Wm., Exors. of, Claypath Plumbers
[illegible] North Rd and Mason
Laidler, Jas., New St Plumber
Lodge, W., & Sons, Plawsworth
Lowes, J & Son. Claypath and Gilesgate
[illegible]
[illegible]
[illegible] Western Hill
[illegible] Cross, near
Shepherd [illegible] Gilesgate
Taylor [illegible] & J R, 19, The Avenue
Walton W, Hawthorn T[illegible]
Wardropper, W, Gilesgate
Whaley, J, Gilesgate

EASINGTON LANE

Bradley, P B Mason

EAST BOLDON

Davidson, J

EGGLESTONE, DARLINGTON

Hetherington, P O (Mason

ELWICK, Castle Eden Station, R S O

Gibbon Geo.

EVENWOOD, Bishop Auckland.

Howe, James, Swan s Row
[illegible]
[illegible]

FENCE HOUSES

Forster, J, & Son, Old Penshaw
Grainger, W Leamside
Latimer [illegible]
Oates, G, Old Penshaw
Wardropper, G., Old Penshaw

GATESHEAD.

Ba[illegible]
[illegible] bert St, Bensham
Elliott, J, High West St
[illegible] 44, Walker Terrace, [illegible]
Harrison [illegible] West St
[illegible] West
Hutchinson, T H., Beaufort St.
Laidler, John, 37, West St. (Decorator)
Lamb, T. & R., Grahamsley St.
McKew, R, Kensington Ter
Nicholson & Wakefield, 8, Woodbine St.
Pringle, A, Cramer Dykes
Raven & Hitcham Poplar Crescent
Ross, J., Stirling Villa, Saltwell Lane
Stephenson, R & J., Low Fel.
Thomson, William, Sunderland Rd.
Tyrie, W C., Redheugh Bridge Rd.
Woodall & Wilson, Ellison St
Wakefield, F, Fern Villas, Low Fell

HART, Castle Eden Station, R.S.O.

Taylerson Bros

HARTLEPOOL.

Burn, J, 132, Durham St.
Carter, J., Beaconsfield St.
Curry, H., & Son, Brougham St.
Marshall, W Arch St.
Renner, W, & Son, Northgate
Suderon, 23, Northgate
Watson, C. J Cleveland Rd.
Watt, A., Back Gladstone St.

HARTLEPOOL, WEST

Atkinson, W T, Park Rd
Beetham, T, Villiers St.
Bulmer, J, Grange Rd
Bierton Bros., Burbank St.
Booth & Bolton, Sheriff St.
[illegible] & Son, Park Rd.
Dickenson, Thos., Milton Joinery Wks.
Fryer, J, 46, Grosvenor St.
[illegible] Temperance St
Hogg, S, Villiers St.

JOSEPH HOWE.
Builder and Contractor,
PARK RD, WEST HARTLEPOOL
Works recently Executed and in course of erection include
Lunatic Asylum, Sunderland, £[illegible]000 Carriage Sheds, &c. Newcastle, £39,000 Mansion, near Thirsk, £10,000, Catholic Church, Felling-[illegible] Extension Richmond Barracks, Municipal Buildings, West Hartlepool [illegible] West Hartlepool; Board Schools, West Hartlepool, St. Paul's Church, West Hartlepool; St. Columba's and St. Ignatius Church [illegible] Factory, Tarpaulin Works, North [illegible] Extension County Asylum, Northumberland; Watson & Sons New Works, Newcastle, Extension of Workhouse, Easington Streets and Drainage, Hartlepool, East and West, New Stations, N E R., Felling and Pelaw, Hart Road Schools Hartlepool, Sewer, South Bank.

Lazenby, Geo Kilwick St.
Moody & Burdon, 57, Tower St.
Pearson, W, Sheriff St
Proud, J, Lister St
Simpson, J W, 8, Mitchell St.
Suggitt & Son, Exeter St.
Tweddle, R., South Rd.
Watson, C, Park Sq
Watt, R, 3 & 5, Thornton St.
Wright, G., Exeter St.

HEBBURN

Gordan, G, 58, St. Rollox St.

HETTON-LE-HOLE

Tremble, J., & Co., Murton Mason

HEWORTH Newcastle-on Tyne.

Loraine, S B St. Mary's Ter

HOUGHTON-LE-SPRING, R S O

Balmer, P & Son
Eastob, Wm., Durham Rd and Joiner,
Harrison, R.D and Mason),
Place, Jas., New Town

HURWORTH-ON-TEES

Hodgson, R.

JARROW-ON-TYNE

Cowper & Henderson, Back Railway St.
Craig, R., 283, High St.
Kennedy, W, 1, Edgar St.
Lumsden, T, 84, Albert Rd.
Marr, C, Bede Burn Rd.
Marr, J G., 10, Bede Burn Rd.
Shields, H, 12, Suffolk St.
Storar & Son, 21, Croft Ter
Taylor, J, 198, Albert Rd
Wylam, W & T Ellison St.
Yeeles, J, Henry St.

LEADGATE

Robson, Matthew

MEDOMSLEY

Thompson, John, Medomsley Edge, Ebchester

PITTINGTON

Heslop, J

ST JOHN'S CHAPEL, Darlington

Lee, Thos., Dadree Shield

SEATON CAREW

Noddings, R, Charles St

SHOTLEY BRIDGE

Houlston A
Surtees, W, & Sons

SOUTH HYLTON

Carr, G, Church St
Grierson, J, High St.
Jodd, J, Vicarage Ter

SOUTH SHIELDS.

Alexander, J., Broughton Rd
Aitken, J T, 17, St. John's Ter.
Aitken, J W, John Clay St.
Atkin, R., & Co, 28, Queen St.
Barker Thos, Roman Rd.
Bell & Matthews [illegible]
Brown W H & R Woodland Ter
[illegible] Rd
Crane, R. N Fairles Ter
Dobson, F B, Laygate Lane and Westoe Lane
Gilfillan, J & W., John Williamson St
Gilfillan, G, 8, Palmerston St.
Goddard, G., 8, Westoe Parade
Goodwin, R, & Son
Hall, M Laygate Lane
Harper, R Waterloo Va[illegible]
Harper, S.C, 19, Trojan St
Hawley, Saml, 135, Northcote St.
Hornsby, J, 105, Regent St. Drainage Contractor
Hunter, J 4 St. Michael's Ter
Ingram, W, James Mather Ter
Kirby, J, Ocean Rd
Lane, J, 2, Byron St.
Lawes, D, Mile End Rd
Mann, T, George Scott St.
[illegible] Alice St.
Murray [illegible] Laygate Lane
[illegible] Bolinbrooke St.
[illegible] Chichester Rd
[illegible]
Robinson Aaron, Livingstone St.
Robson, Jas E., 161, George Potts St
[illegible] Broughton Rd
[illegible] 2, Oxford Ter
[illegible]
[illegible] Frederick St
[illegible] 16, Burrow St.
[illegible] Jas, South Frederick St.
Summerbell, R, 7, Bell Vue Ter Tyne Dock
Thornton & Co., Temple Town
Weddle, G W, Berkeley St.
Weir, J. B, Hyde St.
Wilson, Bros., 30, Broughton Rd
Wilson, W, Victoria Rd. (Drainage Contractor
Winter, T. S., Station Works, Mile End Rd
Winter, W Laygate Lane
Yellowley, W & A., Vespasian St.
Young, J., Tyne Dock

SOUTHWICK.

Armitage, J, Grange Ter
[illegible]
Higgins, J, James St.
Pace, W H, 17, Dean Ter.
Wood, W, Dean Ter.

[illegible], R S O

Routledge, Alf, Stoneyholme Ter.
Wood, W B, Joiner

STOCKTON-ON-TEES

Atkinson W C. 4, Wood St.
Atterby, T E, Newby Ter
Cooke, A J., 1, Shaftesbury St.
Craggs & Benson, 37, Hume St.
[illegible]
[illegible]
[illegible]
[illegible], G, Prince Regent St.
Fletcher, John, Page Ter, Norton
Harland, J, Bowesfield Lane
Harper, John, Park Rd
Johnson & Hanby, Lightfoot Grove
Laing J T., Norton
Linton, J A, Oxbridge Lane
Perks, T, & Son, Hutchinson St.
Potter, John, Oxford St
Sanderson, John, Skinner St
Thompson, G, 27, Westbourne Ter
Watson, W., West Villa, Oxbridge Lane

SUNDERLAND

Abram, Hil., Dun Cow St., High St.
Amitage, J., Southwick Rd.
Armstrong, T, 20, Roker Avenue, Monkwearmouth
Barrow & Fraser, Linden St., Hendon
Bearpark, R., Devonshire St., Monkwearmouth
Branton, R., Dunning St
Broderick W H., 7, Bedford St.
Cooper, W. B, Salem St.
Elrick, J, Roker Avenue Joinery Works, Monkwearmouth
Emmerson, R, Monkwearmouth
Halfright, R. W, 12, Park Ter, Decorator
Hodgson, G H. & Son, 26, Green St
Howarth M Borough Rd
Hudson, R., Junr., St. Mark's Crescent
Humble T C, Crowtree Rd
Huntley J, 54, Athol Rd.
Nelson, Digby, 27, Borough Rd Slater
Ranken D & J, Stockton Rd
Rule Bros West St. Plasterers
Scott, W., Holly House, Durham Rd
Scott William, Eden Pl[illegible]
Shaftoe, T. P, Borough Rd.
Stott, J B, Newcastle Rd
Swan, G, & Co., Thomas St., Monkwearmouth
Taylor, D., 10, Borough Rd (Plumber)
Thompson, J., Senr, Borough Rd. Saw Mills
W[illegible] J W Chester Rd.
Wilkinson, J. B., Bedford St, Plumber
Woodhall & Kirtley, 10, Brobhouse Ter
Young, J. Newcastle R[illegible]
Young, G, & Sons, 81, Roker Avenue, Monkwearmouth

THORNABY-ON-TEES

Alcock, Hy., Bon Lea Ter
Henderson, W. & H, Harewood Ter
Smith, W, Mandale Rd.

TOW LAW, R.S.O.

Ridley, J, Wesley St.
Ridley, W
Westgarth, T

WASHINGTON.

Hunter, T

WEST RAINTON, Fence Houses.

Draper, M., & R., and Sons

WHICKHAM-ON TYNE.

Cousins, Wm. B

WHITBURN, near Sunderland.

Allison, R.
Brown, W R

WINLATON.

Smith, Robert, Tyne St.

Essex.

BARKING.

Argent, D , North St.
Cawker, Samuel, St. Anne's Rd.
Cornell, J. C., Axe St.
Goodey, R., Church Rd.
Hawkings, Nathaniel, Heath St.
Rist, G , Wakering Rd.
Smith, J., Longbridge Rd.

BOCKING, Braintree

Parmenter, Silas

BRAINTREE.

Brown, Alfred, & Son
Brown, W
Letch, W E
Parmenter W

BRENTWOOD.

Alderton, W , Ongar Rd
Claydon, R , Queen's Rd
Haws, T W , King's Rd
Rogers & Robson, Ongar Rd
Scrivener Bros., Victoria Rd.
White, James, High St.
Winter Bros., King's Rd

BROOMFIELD

Norrington, J.

BUCKHURST HILL

Wells, H , & Sons, Queen's Rd.

CHADWELL HEATH

Death, W. G., London Rd

CHAPPEL, Halstead.

Beard, Jos.

CHELMSFORD

Beckett Bros., Moulsham St. (Horticultural Engineers
Bragg, G , Baddow Rd. Plumber)
Choat & Son, Mildmay Rd
Crompton & Fawkes (Horticultural Engineers
Fincham, W., Baddow Rd
Gowers, Jesse, Maltese Rd
Hardy & Co., Moulsham Stonemasons)
Hawkins, H. M., Springfield Rd Plumber)
Johnson, F., Phœnix Wrks., New St.
Kennell, H., Writtle, near
Lunn, J , Great Baddow
Moss, A., & Co., 49, High St
Parkhurst, H , Moulsham Plumber)
Potter, H., Parkfield Estate Wrks., Duke St.
Saltmarsh, E , 24, Hall St.
Saltmarsh, H , Friars Pl.
Stapleton, J. W , Barrack Sq Plumber)
Tanner, H., Duke St. Plumber)
West, E., Fairfield Works
Wray, J H., Springfield Rd. (Stonemasons

CLACTON-ON-SEA.

Abbott, G , Old Rd.
Allen, Jas C , Station Rd
De Maid, Norman, Holland Rd.
Ellis & Turner, Old Rd.
Garwood, B. W., Jackson Rd.
Kent, E., Brook St., Great Clacton
Linzell, H. J., Magdalen Green
Mackenzie, D , Station Wrks
Potts, Mark, Pallister Rd.
Tyrrell, W , Great Clacton
Whiteley, G B., Castle Rd
Wilkinson, H , Palister Rd.
Wooding, J., Anchor Rd.

COGGESHALL

Sach, Edwd., Church St.
Shave, W., West St.

COLCHESTER

Appleton, Smith & Co., Maldon Rd
Beaumont, R., Straight Rd , Lexden
Bloice, George, Winchester Rd.
Bowles, G , Magdalen St
Chambers, W , Magdalen St.
Cook, H , 21, West St.
Diss, A , Stanwell St.
Dobson, G , Butt Road Wrks
Dupont, F., North Hill
Everett, R., & Son, Hythe Hill
Garwood, S., Myland Rd.
Grimes, J , North Hill
Harden James, East St
Howe, J , Station Rd.
Naylor, S , 76, Greenstead Rd
Nevr [illegible] L., North St.
Orfeur, C. E., Colne Bank Works Joiner
Sansom & Son, Barrack St.
Saunders, F , 22, Essex St.
Shead, F W , Berechurch
Start, S , 3, Mersea Rd
Ward, T J , St. John St.
Warricker, J , 34, Military Rd.
Went, Alfd., Harwich Rd., Parson's Heath
Wiles, J., 4, North St.

DANBURY, Chelmsford.

Baker, W., Eves Corner

DEDHAM.

Saunders & Son

EARL'S COLNE, Halstead

Rogers, Zach , High St.

EAST HANNINGFIELD

Rayner, J

ELSENHAM

Robinson, D

EPPING.

Palmer Bros., High St
Whiffin, James, Theydon Garnon, near

GREAT LEIGHS, Chelmsford

Holland, G.

GRAYS.

Brown, John, Bridge Rd.
Carter, H J , Argent St
Golden, Jas , Argent St
Lawrence, Jesse, Corse Hill & Orsett Rd. Mason)
Rons, G. B , Bridge Rd.
Rons, H. R., 37, London Rd.

GREAT TOTHAM, Witham

Ward, A.

GREAT WAKERING

Burgess, A.
Ventris, G

GREAT WALTHAM, Chelmsford.

Drewry, Wm.

HADLEIGH

Stibbards, S., Rose Cottage

HALSTEAD

Runnacles Harcourt
Sudbury, Geo., & Sons, Colchester Rd.

HARLOW

Newton, T , Junr
Nicholls, J
Tate, J., Churchgate St.
Winch, W., Churchgate St.

HARWICH.

Gunn, E S., Fernlea Rd.
Moran & Son, Main Rd.
Saunders, E., Dovercourt
Smith, Beaumont, & Dawson, Coke St.

HORNCHURCH

THOS. BRUTY,

BUILDER & CONTRACTOR,

HIGH STREET, HORNCHURCH.

Works executed include—

Laindon Hills, Essex Alterations and repairs to Farm House and Buildings for the University College, Oxford, £700, Messrs Castle, Field, & Castle, Architects, Oxford

Essex—*continued.*

THOS. BRUTY (*continued*).

Harold Wood, Essex.—New mixed School, £530. Messrs. Newman & Jacques, Architects, 2, Fen Court, E.C.

Hornchurch, Essex.—New Farm Premises and alterations for the New College, Oxford, £1,931. Messrs. Castle, Field, & Castle, Architects, Oxford.

Dagenham School Board Alterations and Additions to the Beacontree Heath Schools, £2,373, New Infants' School, £2,700 Architects, Messrs Wigg, Oliver, and Hudson, 80, Leman Street, E., and 7, Bedford Row, W.

HUTTON, Brentwood.

Cross, J

ILFORD

Ashmole Bros., Roding St.
Gowen, F , Barking Side
Walters, W., Barking Side
Watson, W , High St
Wilmott, F , Broadway

INGRAVE.

Boardman, Wm., Falmont Farm

LOUGHTON

Davey, D , Meadow Rd.
Foster, C S., High Beech Rd.
Forster, T., York Hill
Greenaway, J , Baldwin's Hill
Warriner, R., Golding's Hill

MALDON.

Baxter, A , High St
Denis & Son, High St.
Gozzett, J , Spittle Rd
Smith, D., Beeleigh Rd.
Smith, J., 106, Wantz Rd
Wilding, T , 35, Market Hill

NEWPORT

Stains, J H.

OCKENDON.

Davey, T., The Green

ONGAR

Barlow, H

F. NOBLE & SON,

BUILDERS.

Chipping • Ongar,

ESSEX.

List of Works executed and Reference to Architects, Furnished on Application

RAINHAM

Howell, W., The Hollies

RAYLEIGH

Baker, Isaac
Baker, John
Baldwin, H
Byford, John
Shelley, J , Thundesley

ROCHFORD.

Allen, J., Stambridge Rd.
Gooding,
Kemp, N., Prittlewell Rd.
Norden, Samuel, Prittlewell Rd.

ROMFORD.

Abraham, W , Eastern Rd
Booth, H , Mawney's Rd.
Davey, A., Market Pl
Decks, H , Hornchurch Rd.
Dowsing, J., & Davis, Mawney's Rd.
Earl, W , Dagenham
Hammond, J. S. & Sons, Hill House
Hinds, J , Market Pl.
Pearcey, G , Dagenham

SAFFRON-WALDEN.

Bell & Sons

SHOEBURYNESS

Alp & Ventris, High St.
Harris, A. J., Rampart St.
Simpson, M., St. Andrew's Rd.

SOUTHEND-ON-SEA.

Allen, Geo., "Rockdale," York Rd.
Allen, W H., "Parkhurst," London Rd.
Berry, Jos., London Rd.

SOUTHMINSTER, R.S.O.

Bishop, H.
Stammers, T.

SOUTH OCKENDON, Romford.

Davey, J.

STANSTEAD.

Gladding, Walter

STEEPLE BUMPSTEAD.

Humphrey, T

STOCK.

Jarvis, Hy
Jarvis, James

THEYDON BOIS, Epping

Keen, T , Coppice Row

TUGRAVE.

Boardman, W

UPMINSTER

Hook, W
Wilson, T. L.

WALTHAM ABBEY.

Bentley, J , Sun St.
Gardener, Wm.

WALTHAMSTOW

Amey, T. E , 102, Beulah Rd
Barton, A. G., 32, St. Mary's Rd.
English, E J , Erskine Rd.
[illegible], Beulah Rd
Good, Ed[illegible], Pembroke Rd
Lips[illegible] H , Beulah Joinery Works, Grosvenor Banks Rd
Poole, John, 14, Queen's Rd., West
Rawlings & Farmer, Claremont Estate
Reed, J A , Church End
Sizer, W., 40, Church Hill Rd.

WANSTEAD

Catley, Jas., Cambridge Park
Jolliffe, J., 64, Wellesley Rd
Munday, W., George Lane
Wilmott, F L., Church Path

WEELEY, Colchester

Canham, Thos.

WITHAM

Gamble, J., Queen St.
Smith, J., & Son, Chipping Hill

WOODFORD.

Osborn, T , & Sons, High Rd.
Ranger, F , George Lane
Wells, H , & Sons, The Green

WOODHAM WALTER, near Maldon

Gozzett, H.

Gloucestershire.

AVON MOUTH.

Heard, G
Stride & Davis

BERKELEY.

Dimery Geo., Wanswall, near
Gregory, E., & Sons, Mary Brook St.

BRIMSCOMBE

Wall & Hook

BRISTOL

Bastow, J., Byron Pl., Clifton
Beaven, A. J., Dean Lane, Bedminster
Church, W., 27, Clarence Rd., Redcliff

W. COWLIN & SON,

Builders & Contractors,

STRATTON ST., BRISTOL.

Works Executed in recent years include—

Christ Church, Sneyd Park; St. Saviour's Church, Redland; St. George's Church, Restoration of Mayor's Chapel, Dundry Church, Westbury-sub-Mendip Church, North Stoke Church; St. John's Church, St. Nicholas Church; Westerleigh Church, Glos.; Barton Hill Schools, Easton Schools, Knowle Schools, St. Agnes' Schools, East Compton Schools, Lady Haberfield's Almshouses, Foster's Almshouses, Colston Schools, City Dock Offices; Redland Police Station; Restoration of Bristol Cathedral, Messrs. Baker & Co., Jones & Co., Capital and Counties Bank, Bristol Highgrove House, Tetbury Itton Court [illegible] Vicarage, Monkland Vicarage, Leominster Interior Decoration of Christ Church, Emmanuel Church, St Paul's Church, Merthyr Church, Treharris Church, and alterations to Bowood House, Calne

Durnford, J., & Son, Fairfield Ter., Whitehouse Lane, Bedminster Road & Sewer Contractors
Eastabrook & Sons, Pennywell Rd
Farr, S. L., 55, Cowper Rd., Redland
Forse, H. A., Charles St., St. James
Galbraith, W., Poole's Wharf, Hotwells Rd
Hatherley & Carr, 82, Stokes Croft, and City Rd
Hayes, C. A., Thomas St., Redcliff
Jenkins, F., Chesterfield Rd., St. Andrew's Park
Love, E., 127, Hampton Rd
Mereweather, W., West St., Bedminster (Road and Sewerage Contractor)
Robertson, S., Pennywell Rd. (Railway Contractor)

HENRY J. ROSSITER,

BUILDER AND CONTRACTOR,

West Street, Bedminster,

BRISTOL.

Works Executed include

Newfoundland Road Board Schools, £7,500, Dr. Wilkinson, Private Boarding School, Durdham Down, Clifton, £3,840, W. L. Bernard, Esq., Architect. Young Men's Christian Association [illegible] James Square, £3,000, [illegible] Architect. Ashton Gate Board Schools [illegible] £5,000 [illegible] Road Schools, £[illegible] [illegible] Bond, Architect. Workman's Institute, St Philip's, £1,800; Foster La Trobe, Architect. National Provincial Bank, Bedminster Branch, £2,460; C. R. Gribble, London, Architect Dunlop's New Restaurant, Baldwin Street, £2,500; Messrs. P. Munro & Son, Architects.

Stephens, Bastow & Co., Bath Bldgs., Montpelier
Veals, W., Cheltenham Rd
Walters, E., Richmond Rd., Montpelier
Wilkins, R., & Son, Surrey St., St. Paul's

CHALFORD

Drew Bros.

CHARFIELD, R.S.O.

Roach, J., & Sons

CHARLTON KINGS, Cheltenham.

Cleeveley, J

CHELTENHAM

Baker, J., 68, Winchcombe St.
Billings, A. C. & S., 54, Winchcombe St.
Boulton & Sons, Bath Rd (Sculptors)
Brown, H. D., & Son, 4, St. Luke's Rd.
Brown, J. R., Belle Vue, High St. Painter, &c.,
Channon, C. H., & Son, Montpelier St.
Channon, W. C., St. George's Pl
Collins & Godfrey, Grosvenor St.
Cornell & Son, Tivoli Pl
Hunt, W. T. & R. A., 22, Carlton St.
Loveday, George, Gloucester Rd.
Malvern, C., & Sons, 36, Winchcombe St
Martyn, H. H. "Sunningend" High St. Sculptor
Moore, J., Bath Parade Plumber
Pates, W. T., Tudor House, Hewlett Rd. Plumber,
Rowe & Parker, 4, Pittville St
Rainger & Wilson, 10, Bath Pl.
Saunders, E., 2, Southend Villas, Painswick Rd
Skemp, R. R., Gratton House, Great Norwood St
Spackman, C. W., 13, Albert Pl.
Wall, J., St. Luke's Pl.
Wilson, A., Swindon Rd

CHIPPING CAMPDEN

Smith, T

CINDERFORD, Newnham.

Freeman, Saml

CIRENCESTER.

Bridges, J. & E.
Drew Bros.
James, W. H.
Newcombe, M. W., Cricklade St.
Saunders & Sons

LYDNEY

[illegible], S., Church St

FAIRFORD, S.O.

Baldwin, F

FISHPONDS, R.S.O.

Clark, Edwin

FOSSEBRIDGE, Northleach

Mills, W

GLOUCESTER

Allard, Thos., Stroud Rd
Bayliss & Annandale, Barton St.
Clark, Jas., Kingsholm
Clutterbuck, E., Whitfield St.
Coleman, J., Chaxhill, Westbury
Cullis, John, Park Rd
Dolman & Ponting, 93 & 95, Ryecroft St.
Dunn, A., 39, St. Michael's Sq
Estcourt, A., & Son, Lower Barton St.
Fream, W., & Son, 17, London Rd
Freeman & Jones, St. Mark's St.
Godwin & Brassington, Portland St.
Gurney Bros., Lower Barton St.
Gyde, A., St. Mary's St.
Hunt, I., Vauxhall Rd
Hirst, J., Vauxhall Rd.

Gloucestershire—*continued.*

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Works Executed include—

118 Houses and Shops, for the Metropolitan Railway Co. £33,000 [illegible] Esq. [illegible]
Morley Hall, Hackney, £9,000, [illegible] Cubitt, Esq., Architect
Church Brixton, £20,000, Messrs. Habershon & Falkner, Archts
Board Schools (*first contract*), Winstead, £4,500, [illegible] Bressey, Esq., F.R.I.B.A., Architect, London.
Lion Hotel Strand, £2,300; R. Armstrong, Esq., Architect.
School, Brentwood Essex, £16,000; Messrs. Lea & Smith, Architects
Royal Schools, Bath, £22,000, Messrs. Habershon & Falkner, Architects.
Post Office, Ipswich, £10,000; J. [illegible], Esq., Architect.
Municipal Buildings, Hastings, £12,000, H. Ward, Esq., Archt.
The Church of Our Redeemer, Birmingham, £13,000; J. Cubitt, Esq., Architect.
The Public Baths, Gloucester, for the Corporation, £9,000, J. F. Trew, Esq., Architect
The [illegible], Malvern £4,500, H. Haddon, Esq., Architect
Vicarage and Schools, Malvern, £4,600; H. Haddon, Esq., Archt.
Wesley Church Guernsey, £4,000; Messrs. Wilson & Willcox, Architects
Church, Waterloo, Liverpool, £4,500 Messrs. Habershon & Falkner, Architects.
Unitarian Church, Cardiff, £2,400; H. Bruton, Esq., Architect.
Lady Huntingdon's Church, Swansea, amount £4,000; J. [illegible], Esq., Architect

A fuller list can be obtained on application to Messrs. D. C. Jones & Co., Contractors, Cromwell Street, Gloucester, and Correspondents are desired to address all letters in full.

Jones, R., Bristol Rd
Jones, W., Worcester St
King, A., & Sons
Lane, D., St. Catherine St.
Leat, J. C., 62, Bristol Rd
Nicholls, W. T., 22, St. Paul's Rd.
Peters, G., Bristol Rd
Sly, J., Commercial Rd.
Smart, J., London Rd
Teague, R., Black Dog Yard
Williams, W., & Co., Hopewell St.
Wingate, Edwin, Clarence St.

HANHAM, Bristol.

Painter, Arthur

HONEYBOURNE, near Broadway

Sheppard, J. T.

KEMPSFORD, Fairford.

Bowley, J

LECHLADE.

Bowley, J.

LONGFORD, Gloucester.

Parker, W. J

MAISEMORE, near Gloucester

Wicks, W

MICKLETON, Chipping Campden

Lassman, W., Junr

MORETON-IN-MARSH

Gill, J., Church St.
Gray, G. H., Junr., High St.

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Cole, J.

OLDBURY-ON-SEVERN, R.S.O.

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PAULTON, Bristol

Ings, D., & Sons

PRESTBURY, Cheltenham.

Davis, Daniel

ST. BRIAVELS, Coleford

Davies, H

STAPLE HILL, Fish Ponds, R.S.O.

Payne & Rice

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Pitt, T. G., Ebley, near
Lewis, I., & Sons, Bath Rd.

TEWKESBURY

Collins & Godfrey, the Cross
Denley, T. E., East St
Howell, J. W., East St

UPTON ST. LEONARDS, Gloucester

Tombs, L. H., Winneycroft

WARMLEY, Kingswood, R.S.O.

Field, W

WESTBURY-ON-TRYM, Bristol.

Williams, E.

WILLERSLEY, Broadway.

Billey, W

WILLSBRIDGE, Kingswood, R.S.O.

Long, Chas

WOTTON-UNDER-EDGE

Fisher, Robert

YATE, Chipping Sodbury.

Hudson, J. B.

Hampshire.

ALDERSHOT.

Cranston,
Garland, W., Elms Rd
Hughes, J., Birchett Pl., Birchett Rd
Jeffries, F
Kemp, G., Grosvenor Rd
Knight, F., 86, Grosvenor Rd.
Lee, E. T., St. Michael's Rd
Martin Wells & Co., Victoria Rd.
Seabright & Sons, St. George's Rd
Snuggs, W. J., Victoria Rd

ALRESFORD

Barnard Bros., The Dean
Eddolls, F. J., Broad St

ALTON

Dyer, J. H. & E., High St.
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New Bill and Room and Offices, Enham Pl., under S. Knight, Esq., Archt.
New Church at Longstock, and Cottage Hospital, Andover, under W. White, Esq.
New Tower, Nave and Aisles, Wallop, J. L. Pearson, Esq., Archt.
Restoration, Houghton Church, J. O. Scott, Esq., Archt.
New Church Tower and Nave, Hurstbourne Priors, Messrs. Clarke & Holland, Archts.
Andover Grammar School, A. Purkess, Esq., Archt.
West [illegible] Mayfield Houses, John [illegible], Esq., Archt.
Farm [illegible] and [illegible] tages, [illegible] Estate, [illegible] Hillary, Esq., Archt.
Drainage, Conholt House, for the Duke of Wellington.
Drainage, Andover Police Station, under County Surveyor.
New Rectory, Whitchurch, under A. R. Barker, Esq., Archt.
Drainage, Cottages and Repairs, Biddesden House, A. P[illegible], Esq., Archt.

Beale, Frank
Grace, Chas., Goodworth, Clatford
Simkins, C.
Spratt, T., Wherwell

BASINGSTOKE

Ayliffe, W. C., Mary St
Cook, G., "Golden Lion," Cliddesdon Rd.
Glover & Milsom, Hackwood Rd
Harmstrong, J. R., Winchester Rd
Harris, J., Basing Rd
[illegible] & Son [illegible]
[illegible]
Mundy, H. [illegible]
Musselwhite & Son, Cross St
Pike & Co., Chapel St
Powell, W., Lower Brook St
Tarrant, R., Jubilee Rd.
Thumbwood, J., Chequers Rd.
Tigwell, J., & Son, Wote St.

BISHOP'S WALTHAM.

Apps, George

BITTERNE

Chafen, A., Bitterne Park Estate
Witt, C. & A., Inkerman Rd

BOTLEY, S.O.

Bailey, W. J. C.

BOURNEMOUTH

Bailey, M., Littledown Rd.
Barrow, [illegible], Winton
Bath, E., & Co., Westbourne
Bennett, C. M., "Ashmore," Gladstone Rd., Boscombe
Brown, S. and Sons, Phœnix Works, Wharf Rd
Chinchen, W. J., East Cliff Works
Davis & Lambert, The Triangle
Davies, R., Gladstone Rd., Boscombe
Davis, H., Ashley Rd., Boscombe
Dunford, E. J., Lea Rd., Boscombe
Edwards, J., 2, Palace Colonnade, Christchurch Rd
Ellison, H., St. Paul's Lane
Entwistle & Cox, The Arcade, Westbourne

GEORGE AND HARDING.
Builders and Contractors,
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Works executed include:—
The Shaftesbury Hall and Gymnasium; Messrs. Creeke, Gifford & Oakley, Delphi Chambers, Archts. The Royal Victoria Hospital, Messrs. Creeke, Gifford, & Oakley, Delphi Chambers, Archts. "The Imperial", Messrs. Hawker & Mitchell, St. Peter's Chambers, Archts. Additions the Royal Exeter Hotel, Messrs. Hawker & Mitchell, St. Peter's Chambers, Archts. Completion, St. Paul's Church, A. H. Parken, Esq., Bank Chambers, Archt. Malmesbury Park Schools; Messrs. Pinder & Fogerty, 2, St. Peter's Terrace, Archts. Now in course of erection: New Head Post Office, Bournemouth, E. Rivers, Esq., H. M. Office of Works, Surveyor. Additions, the National Provincial Bank, Bournemouth; W. W. Gwyther, Esq., Temple Chambers, Temple Avenue, London, Archt. 3 Villa Residences, Hinton Road, Messrs. Hawker & Mitchell, St. Peter's Chambers, Archts.

Hawk[illegible] H., Lansdowne Rd
H[illegible] & Son, [illegible], Boscombe
Hoare, [illegible] & Son, [illegible] Wharf [illegible]
[illegible] W. [illegible] Works, Holdenhurst Rd
Holly, R., Walpole Rd
Huxtable, J., West Cliff
Jenkins & Sons
Jones, W. E., & Sons, 1, Granville, Alumchine Rd., Westbourne
Lucas, J. W., 2, Petra Pl., Poole Rd
McWilliam, J., & Son, West Station Works
Miller & Son, 26, Old Christchurch Rd.
Minty, S., Beaulieu Works, The Triangle
Mitchell, G., Palmerston Rd., Boscombe
Mitchell, G. W., Queen's Ter., Christchurch Rd., Boscombe
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Walden, Frank, Headington Works, 14, Holdenhurst Rd.
Ware, H., Christchurch Rd., Boscombe
White, J., 303, Holdenhurst Rd.
Whittaker, S., Somerset Place, Boscombe
Wilson, W. E., Christchurch Rd., Boscombe

CHRISTCHURCH.

Jenkins & Sons, Bridge St.

COSHAM

Carter Bros., & Co., High St.

EASTLEIGH

Evans, H., High St.
Hedges, G., Desboro' Rd.
Hutchings & Son, High St.
Romain, H., Winchester Rd.
Stagg, H., Market St.
Treherne, G., George St.
Wickham, A. E., & Son, Winchester Rd.

EAST WOODHAY.

Bance, E. A., Bal. Hil.
Pope & Co.

EMSWORTH

Sparks, K., King St.
White, J., West St.

FAREHAM

Adams, Thos., Westbury
Blackman, G. H. & A., High St.
Dowse, F., West St
Plummer, J., West St.
Shepheard, F. G., West St.
Tutte, E., West St.

FARNBOROUGH

Hughes, W., Netley St, Farnborough Rd
Pool & Son
Smith, W., North Farnborough
Tennant, Arthur, Peabody Rd.

FLEET.

Pool & Son

FORTON.

Hill, W., & Co., Bury Works, Ann's Hill Lane
Lane, W. E., Forton Rd.
Rapley, W., & Son, Albert St.

FREEMANTLE, Southampton.

Golding, Thos., Millbrook Rd.
Holt, J., & Son, Shirley Rd
[illegible], T. J., 101, Park Rd

GOSPORT

Castle, J. A., 35 & 3[illegible], Joseph St
Croad, [illegible], High St
Dash, C. M., 31, [illegible] St.,
Jupe, C., High St
Lowe, W., & Son, The Green
Luke & Son, Alver Rd
Stanfield, T. C., Stoke Rd

GRAYSHOTT, near Liphook.

Chapman, Ernest H.

HAMBLEDON.

Meredith, H.

HARTLEY WINTNEY

Pool & Son, Hartley Row

HAVANT

Carrell, H., The Pallant (Carpenters)
Rogers Bros., West St. (Bricklayers & Masons)
Stannard, G., West St.
Staples, J., West St.

HAYLING

Blake, W. W., South Hayling
Clinker, Jas. B., West Town, South Hayling
Eames, J. B., West Town, South Hayling

HOLYBOURNE, Alton

Fudge, Jas.

HORNDEAN

Edney, J.

HURSTBOURNE, Tarrant.

Godwin, E.

KINGSCLERE, Newbury.

Garrett, W. & C.

KINGSOMBORNE, Stockbridge.

Hatcher, William
Noyce, Wm.

LANDPORT, Portsmouth.

Clark, H., & Sons, [illegible] St.
[illegible]
[illegible]
Dye, C., 60, London Rd., Kingston
Light, W. R., & Son, 445, Commercial Rd
Scammell, G., Cressey Pl
Smith, Jas. R., [illegible] St
Sprigings [illegible] Rd
Ward, W., Coburg St., Fratton
White, F., 86–92, Staunton St
White, J., 2, All Saint's St.

LEE-ON-THE-SOLENT

Gate, S. C.

LIPHOOK

Harris, J.
Rapley, Thomas

LISS.

Jenkins, W., West Liss
Woodbourne [illegible]

LYMINGTON

Rashley Bros., High St.
Weeks, F., Stanford Works
Wheeler, Afd., Emsworth Rd.

LYNDHURST

Holley, J., High St.

MARCHWOOD, near Southampton.

Kingham, E. J.

MICHELDEVER.

Knight, G., Barton Stacey
Pitt, —, Barton Stacey

M[illegible]

Rashley, H.
Springer, J. G.

MILTON

Egg, W.

PETERSFIELD

Gammon & Son, College St.
H[illegible]der, John, Sheet, near Petersfield
Mould, William, Junr., Dragon St.
Pocock Bros., Dragon St

POKESDOWN, BOURNEMOUTH.

Carter, Jas., Christchurch Rd.
Saunders, D., Packwood Rd

PORTSEA, Portsmouth

Bramble Bros., Portland St.
Croad, J., Union St.
Dugan, J., 8, Prince George St.
Matthews Bros., 16 & 17, Hay St.

PORTSMOUTH

Bevis, A., St. Thomas St.
Bevis, F., Mile End
Learmouth, W. W., Junr., Emsworth Rd., North End.

ROMSEY

Goulding, G., & Son, The Hundred
Grace, James, Braishfield (and Wellow [illegible])
Grace, John, Station Rd. (Mason,
Read, W. H., Broadwater
Wheeler, G., & Sons, Porters' Bridge St.

ST. MARY BOURNE.

Broad, J.

SARISBURY, Southampton.

Newbury, F.

SHIRLEY, Southampton.

Barter, C., 26, High St.

Hampshire—*continued.*

HENRY CAWTE,

BUILDER AND CONTRACTOR,

SHIRLEY BUILDING WORKS,

SOUTHAMPTON.

Works executed include

New Schools for Millbrook School Board, A. F Gutteridge, Esq., Architect, £10,870. New Business Premises for Thomas and Mowat, Ltd., High St., Southampton, Mitchell, Son and Gutteridge, Architects, £[illegible]. New Warehouses for Messrs [illegible] Bros., Southampton, W [illegible], Esq., Architect, £1,500. New Mission Rooms and Sunday School for St. Barnabas Parish, Southampton, Mitchell, Son and Gutteridge, Architects, £1,250. Small Villa at Freemantle, £300. Small Residence at Bitterne Park, £[illegible].

SOUTHAMPTON

Brazier & Son, Canal Walk
Brinton & Bone, 17, Marsh Lane, and 12, St Mary's Rd
B[illegible] J[illegible], Sons, & [illegible], Belvedere Works
Button, L., & Son, Castle St.
Crook & Batten, Canuntine Lane Road and Sewerage Contractor
Doggrell, A., 22, Park Rd, Bell Vue
Domoney, P R., 129, St Mary's Rd
Dyer, J, & Sons, Bevois Hill
Franklin, W, Exors of, Osborne Rd, Portswood
Hampton, L., Senr, Bedford Place
Kimber, C R, Bevois Hill
Neale, W H, South Front
Nichols, S., Nichols Town
Nippierd, W, Richmond Rd
Oake & Sons, Bargate St
Osman, F, Four Post Hill
Pettit, John, Bond St, Northam
Playfair & Toole, Northam Rd
Preedy, John, Gloucester Sq
Roe, J W, & Co, 19, St. Mary's Pl.
Rowlands & Son, St. Mary's Rd.
Rowland, J., Bevois Town
Sanders, H. I., Northam Building Works
Stevens, H., & Co., Millbank St., Northam

ESTABLISHED, 1850.

I. J. UDALL & CO.,

SANITARY PLUMBERS,

HOUSE DECORATORS,

Builders,

36, CARLTON PLACE,

SOUTHAMPTON.

Sanitary Appliances examined. Drains practically tested, and reports furnished.

SANITARY WORK A SPECIALITY

Verge, J. T., Bridge Rd.
Walters, W, Parsonage Rd., Northam
Warden, A., 70, Milton Rd, Fitzhugh Park
Wheeler, Alfred, Portland Terrace
Wright & Son, Hanover Bldgs
Young, F. & J., Clifford St.

SOUTHBOURNE-ON-SEA.

Butler, H J, The Undercliff

SOUTHSEA

Baskett, T E., Beach Farm Rd
Brown, C F, 85, Marmion Rd
Chamberlain, G R., Gains Rd
Cording, C S., 8, Manners Rd, [illegible]
[illegible]
[illegible]
Durrant, [illegible]
Evans, W W, Brougham Rd.
Germain, [illegible], Osborne Rd.
Hall, T [illegible] 7 and 9, Bedford Rd
Jones, H, 3, Broad St
Morey, J, St [illegible] Rd
Quick, T, Junr, South View, St. Andrew's Rd
Quick, T W, St. Johns, Victoria Rd.
Roberts, Bros., 17, Waltham St
Saxey, S, Somers Rd
Wheeler, W, J, Fawcett Rd.

S[illegible]BRIDGE

Gilbert, H[illegible]
Heaven, Geo, Chilbolton, near [illegible]
Winkworth, Albert

STUBBINGTON, near Fareham.

Wareham, C

TITCHFIELD

Chase, C
Newbury, [illegible]k-Warsash, nr
Russell, W,

[illegible]ELLOOVILLE, Cosham

Edwards, John

WEST MEON, Petersfield

Read, Walter

WHITCHURCH

Gilbert, J. W., Fair Close Villa
Hobbs, W. N, Hurstbourne Priors

WICKHAM, Fareham

Conway, C
Knight, T

WINCHESTER

Bascombe, F, Lower Stockbridge Rd
Buckingham, E, St. John St.
Burrows, C., Sussex St
Carter, E., & Son, 69, Eastgate St.
Fielder, J & Son, Westgate Works
Grace, T, Weeke Hill.
Hughes, A, St. John's St
Humphreys, W H., Southgate Rd
[illegible]
Jacob, J W, 2[illegible]
Marsh, G, Fulflood
Savage, F, & Sons, Cheesehill St.
[illegible] W, [illegible], Southgate Rd.
[illegible]
[illegible]

WOOLSTON, Southampton

Blizard, E. E., Bridge Rd, Pear Tree Street
Chapman, W. H
Hinton, J, Burstow House

Herefordshire.

BROMYARD

Amiss, A, Malvern St.
James, W, The Knapp
[illegible]
Newbould, A, High St

Rouse Bros., New Rd
Welsh, W, New Rd

COLWALL.

Ostridge, F, The Wyche

Herefordshire—*continued.*

HEREFORD.

Andrews, R, & Son, Bath St
Bevan & Hodges, Edgar St
Bowers, W., & Co, Bath St
Colley, W L., Grenfell Rd
Davies, H, 97, Green St.
Davies, Jas, St Nicholas St.
Farr, E A, Eign St.
Ford, John, St. Owens St
Hiles, John, 48, Eign St
Hobbs, Thos., Widemarsh St.
Lewis, Wm. P, & Co.
Lewis, T, Blue School St
Lloyd, Jas., Portland St.
Price, Wm, 8, Portfield St
Taylor, R., St. Nicholas St
Taylor, Thos., Bridge St.
Vaughan, C, Commercial St.
Welsh, Hy, King's Acre, near

FOWNHOPE, Hereford.

Stone Bros.

KINGTON

Hamer, B A
Morgan, R

LEDBURY

Hill, G, Homend St
Smith, D., Homend St.

LEOMINSTER

Davies, J J., Etnam St.
Edwards, [illegible]
Page & Son, [illegible] St.

LLANWARNE

Court, J, Turkey Tump

ROSS

Kemp, J P, & Sons, Millbrook St
Lewis, J, Over Ross St
Lewis, W E., Broad St
Ryall, T W, Station St
Smith, W H, Weston-under-Penyard

Hertfordshire.

ASHWELL

Bafley, F J

BALDOCK

Jackson, R, High St.
Raban, T
Redhouse, S., Stotfold

BARNET

Austin, W, 5, Alston Rd
Bartlett, H [illegible]sebright Rd
Baughen, J, Church Passage, High St
Baughen, R., & Sons, 87, High St
Bulloch, J., 123, Salisbury Rd
Harrisson, H, Dury Rd., Hadley Green
James, W, 177, High St
Miller, G. W, 187 and 189, High St.
Williams, R., 47, Salisbury Rd.

BENGEO

Green, R

BERKHAMPSTEAD

Batchelor & Son, High St
Jones, E., High St.
Jones, R., Cross Oak Rd
Matthews, H. & J, Castle St.
Nash, C, & Son, High St
Osborn, D, 292, High St
Sills, J, Holiday St
Young & Horne, High St.

BISHOP'S STORTFORD

Cannon, F., Hockerill
Champness, H., South St.
Franklin, J & A
Glasscock, J L., & Son, Station Rd. and Causeway
Levey, A., Rye St
Martin, —, South St

BREACHWOOD GREEN, [illegible]

Mardle, W

BROXBOURNE

Hunt, J A., High St

BUNTINGFORD.

Nevett, W, High St.

BUSHEY

Beeson,
Field, J, Park Rd
Neal & Cain
Pratt, B, High St.

[illegible]

Archer, C & R
Walker, A. C, High St.

COTTERED, Buntingford

Beamiss Bros.

DATCHWORTH, Stevenage

Lawrance, W, & Sons

ELSTREE

Brown, W, High St
Hicks, F, High St
Staples, L., Barnet Lane

HARPENDEN

Coburn, G., Cowper Rd
Dawson, T, & Son, Cravells Rd
Hall, F., Cowper Rd
Phillips & Blake, High St.
Sparrow, Wm, & Son

HEMEL HEMPSTEAD

Beeston, Charles, Alexandra Rd
[illegible] Marlowes
[illegible]
[illegible]
Simmonds, F, Herbert St
Smith, S. C, 72, Picotts End

HERTFORD

Dickenson, W, [illegible] St
Ekins & [illegible], St. Andrew's St. & Old Cross
[illegible] R, & Son, St. Andrew's Works
Gray, W., Hertford Heath
Norris, Hy, & Sons, Priory Works
Rayment, J J, & Son, [illegible] St. Plumbers, Decorators, &c
Scales, A, Hertingfordbury Rd.

HITCHIN

Foster, M, Bancroft
Foster, Mrs, & Sons, Park St.
French & Son, Whinbush Lane
James, J, Nightingale Rd
Jeeves, W, Queen St
Joyner, F, Biggin Lane
Knight, J, Knightingdale Rd
Newton, E & F, Tilehouse St
Seymour, W, & S[illegible], Queen St
Warren, G W, [illegible] St
Wilmot [illegible] & Sons, Station Rd

HODDESDON

Hampton, W
Hunt, J A., High St
Nicholls, J. W, High St.

NEW BARNET.

Bradley, W, & Son, Cockfosters
Butcher, Thomas, Lancaster Rd.
Daniels, G, Victoria Rd
Ellwood, J, East Barnet Rd
Prentice, A. E., Lancaster Rd.

NORTH CHURCH

King, W D., New Rd.

NORTH MIMMS

Groom, W., Welham Green

PARK STREET, near St Albans

Boff Bros.

PUCKERIDGE

Cates, F, High St

RICKMANSWORTH

Brown, Chas., & Son
Dewdney, B, Norfolk Rd
Holland, Thos, High St
Hudson, H H, High St., East

Hertfordshire—*continued.*

ST. ALBANS

Boff, Bros , Park St., near
Bushall, J T , Worley Rd
Dunham, E., Victoria Rd.

ESTABLISHED 1790.

C. MISKIN,

Builder and Contractor,

Romeland, St. Albans.

Contractors to War Office, Admiralty, H M. Prisons, H.M. Office of Works, Metropolitan Asylums Board, School Board for London, &c.

Works executed include —

Restoration Works at St. Alban's Abbey Restoration of Clock Tower and Abbey Gateway, St. Alban's, Archt., Sir Gilbert Scott

Additions to Mansion, Gamblingay, Cambs., for Major Vernon.

Rebuilding Barnet Church, Archt., W Butterfield, Esq

Queen Elizabeth's School Barnet, Archt., W. White, Esq

Girls' Grammar School, Barnet, Archt , J Ladds, Esq

[illegible] Potters Bar, for H. Gilling, Esq

New Church, Luton ; Archt., J R. Brown, Esq.

Four New Residences, Bricket Rd , St. Albans ; Additions to Grammar School, St. Albans, Two New Residences, St. Stephen's ; New Board School Archts , Messrs. J & S. F Clarkson , New Residence, Nascot Wood, Watford, for G Waites, Esq., Public Library and Masonic Hall, Archt., W H Syme, Esq

Large Hall and Additions, at Leavesden Asylum ; New Buildings, at Gore Farm Hospital , New Staff Block, at St. Pancras Infirmary , New Staff Block, at Darenth Asylum Messrs. A. & C. Harston, Archts

Additions to Mansions, Childwickbury, for Sir J Blundell Maple, Archt Col. Edis

New Sisters' Hospital, St. Albans , Archt., M. M Glover, Esq., New Stud Farm, etc., Childwickbury ; New Pavilion, Lodges, etc., at [illegible] St Albans for Sir J Blundell Maple

New Hospital, St. Albans , Archt., A Graham, Esq

Restoration of Wrotham Park Church, for Lord Strafford

Thirty Houses at Hatfield , Archt., Keith Young, Esq. ; for Lord Salisbury.

Two Residences, Hatfield Rd , St Albans Archt , J R. Brown, Esq

Two Residences, Lemsford Rd , St. Albans , Archts., Messrs. Clarkson.

Restoration of St Ippolytes Church , J Clarke, Esq , Archt.

New Farm Buildings at Rothamstead, for Sir J B Lawes

New Farm Buildings at Redbourne, for W B. Greenfield, Esq

New Warehouses, St. Albans, for Messrs Kershaw & Co. ; Archt., J R. Brown, Esq

New Warehouses, St Albans, for Messrs Horace Slade & Co

New Shops and Residence, St. Albans, for A. E Ekins, Esq.

New Residence, St. Albans, for A. Rumball, Esq.

Houses, etc., at Radlett, for Capt. Phillimore

New Rectory at Redbourne , Archts , Messrs J E. K. & J P Cutts

Restoration of Ridge Church, Herts , Messrs Billing, Archts.

C MISKIN—*(continued)*

Two Houses, Lattimer Rd , St. Albans , Archt., J. R. Brown, Esq.

Works at Aldenham, for H Hucks Gibbs, Esq. ; Messrs. Woodd & Ainslie, Archts.

New Schools at Radlett and Aldenham , Archt., Sir A. W Blomfield

New Farm Buildings, for Earl of Verulam

New House at Shenley, for G. L Dashwood, Esq.

New Silk Mills, St. Albans, for C. Woollam, Esq

Restoration, Great Gaddesden Church , Archt., G. G. Scott, Esq

AND NUMEROUS OTHER WORKS.

Pratt, J , Redbourn

J. & W. Savage,

BUILDERS & CONTRACTORS,
SANITARY,
HEATING, & VENTILATING ENGINEERS,

STEAM, SAWING & JOINERY WORKS,

LATTIMORE RD.,
ST. ALBANS.

ESTABLISHED [illegible] A CENTURY

Some of the Works just executed include

Messrs. Ekins & Fisher's Branch Shop, Victoria St. ; two Shops opposite Midland Railway Station ; St. Albans' City Police Station "Eaton" and "[illegible]" Hillside Rd , Rushbrooke, and two adjoining Houses, Upper Marlboro' Rd. ; eight Houses, Belmont Hill , House, Beaconsfield Rd , Residence, Avenue Rd., pair of Villas, Worley Rd. ; Additions to H M Prison , Rebuilding, at St. Albans, Gas Works Abbey View and House adjoining, Grosvenor Rd. ; Congregational Chapel, Bricket Wood.

Other Works executed include

St. Albans' Tabernacle, Liberal Club, Public Baths, Messrs. Wiles & Lewis's Tallow Factory ; Gas and Water Works, Hatfield , "Newlands," Hatfield for Colonel Daniells.

Wibley & Jervis, Oswald Rd

SAWBRIDGEWORTH.

Burton & Sons

SOUTH MIMMS

Potter, J.

STANSTEAD

Hitch, George, High St.

STEVENAGE

Bates, G , High St.
Newton [illegible]
Toll, E , Green St
Warren, George, High St.

TRING.

Fincher, H., Western Rd.

J. HONOUR & SON,

B[illegible], MASONS, AND UNDERTAKERS,

STEAM SAW & MOULDING MILLS.

TRING.

Some of the many Works executed include—

Congregational Chapel, Chesham, Messrs Habershon & Fawkner, Arcts.,

J HONOUR & SON *(continued).*

Bloomsbury Sq , W Baptist Chapel and Lecture Hall, High St., Tring, W Huckvale, Esq , Archt , Tring. Laundry & House, Dairy & Cottage, for the Right Hon Lord Rothschild, W Huckvale, Esq , Archt., Tring. Natural History Museum, Tring, for the Hon Walter Rothschild W Huckvale, Esq , Archt. Tring Board School, Waterside, Chesham Messrs. [illegible], Finsbury Pavement, and Chesham

Smith, E., & Son, Brook St.

WARE

Dewsbury, E., New Rd
Goodman, S , West St.
Hitch, F , High St & Church St.
Huggins H., London Rd.
Hunt, T , Baldock St.
Neighbour, D , Bonds Field Estate

WARE SIDE, Ware.

Thake, Wm

WATFORD

Allen, C , 239, High St.
Andrews & Sons, 140, High St.
Barnes & Williams, Queen's Rd
Brightman, C , 106, Queen's Rd
Clifford & Gough, 98, Estcourt Rd.
Darvill, J , 12, Nascot St.
Dupont, F., Market St.
Eames, C Market St.
Judge, W , 152, High St.
Longman, J , King St.
Neal, W. B , Aldenham Rd
Tearle, W. Vicarage Rd. Stone Mason,
Tennant, Thos , Langley Rd.
Turner, T., Ltd., Cassiobury Mills, St. Albans Rd.

WATERMAN,
G & J.,
Builders and Contractors
WATFORD.

Works executed include—

Houses, Bushey, for Prof Herkomer, R.A., C H Rew, Esq , Archt.
House and Studio, Bushey, for Miss Amy Stobart ; J. M. Brydon, Esq , F R.I.B.A , Archt.
Houses, Westfield Park, Pinner, for T F Blackwell Esq , J P , Messrs, Roumieu & Aitchison, Archts.
Metropolitan Police Station, Elstree, J Butler Esq , F R.I.B.A , Archt
Watford Fields Board Schools ; C. P. Ayres, Esq , Archt.
Bushey Board Schools ; H. H. Bridgman, Esq F R I B A , Archt.
Doctors' Residence, Home for Inebriates, Rickmansworth ; H H. Collins, Esq , F R.I B.A., Archt.
Beechen Grove Baptist Chapel & Lecture Hall, Watford, **J Wallis Chapman, Esq** , Archt.
Oxhey Church, Watford ; **W. H.** Syme, Esq., F.R.I.B.A., Archt.
Queen's Park Railway Station, for L. & N W. Railway J B. Stansby, Esq , Engineer
Malting for Messrs. Benskin & Co., Watford, Messrs. A. Kinder & Son, Archts.
Additions to Mansion, Rickmansworth Park, for J W Birch Esq., T H Watson, Esq , F.R.I.B.A , Archt.
Rebuilding Farnham Cottage, Farnham Royal, Bucks, for the Hon Miss Montagu , W H. Syme, Esq , F R I B.A , Archt.
House, Kingsfield, Watford, for C King Smith, Esq. ; Ed. Vigers, Esq , F R I B.A , Archt.
House and Stabling, Woodcock Hill, Elstree, for R Warton, Esq., T E Collcutt Esq., F R I B A Ar.

Wiggs, G., 92, St. Albans Rd

WHEATHAMSTEAD.

Owen, J. Fenwick, Gastard Wood

Huntingdonshire.

BRAMPTON.

Allen, M. J

BUCKDEN.

Page, George

ELLINGTON.

Francis, J.

HUNTINGDON

Howard, W , Hartford Rd.

F. B. THACKRAY & CO.,
Builders & Contractors,
HUNTINGDON.
Established 1832.

Works executed include—

Training College for Schoolmistresses at Saffron Walden, Essex ; E. Burgess, Esq., Archt., £12,000.
Model Farm Buildings, etc., for Rt Hon. Earl Cadogan, at Culford, Suffolk, £7,000 ; C Bidwell, Esq , Archt.

THACKRAY & CO —*continued*,

Bridges over Nene, at Peterborough and Elton, for Hunts and Northants magistrates , plans by County Surveyors
Bridge over Little Ouse at Brandon Creek, Norfolk, for County Council , plans by County Engnrs
Private Tramline and Viaducts at Offord Hunts, for Messrs. [illegible]
Many Private Residences, including "Westward Ho" Ramsey, Hunts ; "The Views," Huntingdon , "The Hermitage," Hemingford
Flour Mills at Ramsey, Hunts, and Shelford Cambs.

RAMSEY

Bateman, Alfred J

ST. IVES

Giddings, Fred , North Rd
Saint, J , & Sons, Crown St.

ST NEOT'S.

Edey & Son, New St.
Linford, J., Russell St.
Osborne, S., Eaton Ford
Osborne, W , Church St.
Piggott, J. P., Huntingdon St.

Huntingdonshire—*continued.*

William Wade,
BUILDER AND CONTRACTOR.
St. NEOTS, Hunts.

WORKS EXECUTED include:

NEW CHURCHES

Hounslow, St. Paul's; Cambridge, St Philip's; Harlow, St. Mary Magdalene. Harpenden, Private Chapel. Sandy, New Baptist Chapel.

GENERAL RESTORATIONS AND ADDITIONS—

+Alconbury Church, restored and reseated, +Duxford Church, restored, reseated, and New Organ Chamber; Great Gransden Church, restored and reseated, Hatley, St. George Church, restored, reseated, and New Chancel, +Kenninghall Church, restored and reseated Meppershall Church, restored and reseated, +North Witham Church, restored and reseated Roxton Church, restored and reseated, Thurleigh Church, restored and reseated, Tansor

WILLIAM WADE—*continued.*) Church restored and reseated +Stanbridge Church, restored & reseated, +Elsworth Church, rebuilding North Aisle, +Pertenhall Church, rebuilding North Aisle; Hatley, Cockhayne Church, external restoration; Somersham Church, New Organ Chamber; Yelden Church, New Chancel, Caxton Church Tower, Teversham Church, Tower, Little Gransden Church, Tower, Tadlow Church, Tower

NEW VICARAGES

Dean, Beds., Epping, Essex, Harlow, Essex, Rushden, Herts., Toft, Cambridge
Headquarters County Police, Hatfield, Herts
Cambridge, Herschel House
Cambridge, Addison Road Villas

+ Lead roofs and re-laid

Wycroft, G., Huntingdon St.

SOMERSHAM

Canham, N

STANGROUND, near Peterborough

Coe, R. E.

Isle of Man.

DOUGLAS

Cadiue, M., Buxton St
Cain, R., Tromode Rd
Cowle, Jas., St. George's Hill
Faragher, W., Hutton St.
Kelly, W., The Bridge

KIRK MICHAEL

Kelly, D., & Son, Wind and Steam Works

RAMSEY

Callow & Son, Derby Rd
Callow, W., Waterloo Rd
Corkhill, Robt., Derby Rd.
Corlett, Hy., Albert Rd.
Farrington, John, Derby Rd.
Kneale, Thos., Coburg Rd
Quine & Wade, Bowring Rd

Isle of Wight.

BINSTEAD.

James, E., Glenroy

BONCHURCH

Day, D., & Sons
Jolliffe, J. G., & W.

BRADING.

Jacobs, W., The Mall
Wheeler, W., Station Rd

CALBOURNE

Long, F. T.

HALE

Linnington, J., & Sons, Hale

COWES, East

Brading, W. H., & Son

COWES, West

JAS. BALL & SON
Builders & Contractors,
WEST COWES
ESTABLISHED ...

Works Executed include—

General Post Office and New National Schools, Cowes, Messrs Newman & ... Architects, Ryde
The Railway Station, Cowes, R. E. Cooper, C.E., Westminster.
New Church at Gurnard, I. W. E. P. Loftus Brock, Esq., Architect, London.
Alterations to Brooke House Brook, I. W., for C. Seely, Esq., M.P., C. P. Leach, Esq., Architect, London

BALL & SON—(*continued*)

Summer Residence and Stabling, near Fawley, Hants, for F. C. ... Esq., H. V. R. Read, Esq., Architect, London

Beere, J., Bernard Rd.
Day, H. E., "Tigh-La-Bruaich," Newport Rd.
Farrant, E., Backford Rd.
Gates, G., York Rd.
Meader, J., Balmoral House
Thomas, W. G., Sun Hill

FRESHWATER

Jenvey, D., Norton Green
Saunders, H., Freshwater Bay
White, J. O., Pound Green

NEWPORT

Barton Bros., 148, High St.
Groundsell, G. Y., 29, Lugley St.
Jenkins, T., 49, Upper St., James St
Way, W. C., Carisbrooke Rd

RYDE

Barton, T., High St
Langdon, ..., Player St
Langdon, Mrs. M. G., Player St
Newman, W., Anglesey St.
Whitewood, J., Edward St.

SANDOWN

Athill, H., Fitzroy St
Brown, Wm., Bridge St.
Colenutt, F., Broadway
Hayden, F., High St.
Hayden, J., Bridge St.
Joliffe, W., Pells St
Mi...es, Andrew, Broadway
Stay, H., Leed St.
Young, A., Pells St

Isle of Wight—*continued.*

SEAVIEW.

Caws, D., Oscar House
Matthews, H. E.

SHANKLIN

Cooper, F., "Birkby," Grange Rd.

George Hayles,
BUILDER & CONTRACTOR,
SHANKLIN, ISLE OF WIGHT.

Works Executed include—

Congregational Church and Schools, Shanklin, £8,700; John Sulman, Esq., Architect.
Outfall Sewer and Subway, Royal National Hospital for Consumption, Ventnor, Isle of Wight William Greenhill, Esq., Engineer
Board Schools, Barton's Village, Newport, W. T. Stratton, Esq., Architect.
N.P. Bank of England, Ventnor C. Gribble, Esq., Architect.
Cross Lanes Sewerage Works, Newport, Isle of Wight; Baldwin Latham, Esq., Engineer
Water Storage Reservoirs, &c., Shanklin Local Board; Lewis Colenutt, Esq., Engineer

White, J., Weymouth Villa, Wilton Rd

VENTNOR

Brading, T., Grove Rd.
Daish, A., Hope Cottage, Belgrave Rd

Harvey, J., Primrose Bank, Grove Rd

H. INGRAM & SONS,
BUILDERS & CONTRACTORS,
DUDLEY ROAD, VENTNOR.

Works Executed include—

The whole of the Buildings of the Royal National Hospital for Consumption at Ventnor, consisting of ten Blocks of Houses, St. Luke's Chapel and Lodge.
New Parish Church of St. Lawrence, Isle of Wight.
Wolverton House, St. Lawrence.
Macrocarpa House, Lodge and Stables, Ventnor.
Inglewood Mansion, St. Lawrence.
Assembly Rooms, Ventnor.
Royal Spithead Hotel, Bembridge, &c., &c.

Julliffe Bros., 5, Pier St.
Newnham, J., 15, North St.
Rousell, J., St. Catherine's St.
Sims, A., Trinity View, Trinity Rd
Walder, W. H., Belgrave Rd.
Webber, J., & Son, The Grove

YARMOUTH

Salter, F. S.

Kent.

ASHFORD

Baker, W., Kent Avenue, Park Rd
Burden, J. E., & Co
Dryland, E., Middle Row
Joy, E., 9, Sussex Avenue
Houland, Clarke, North St
Knock, H., New St
Steddy & Co., Marsh St
Wood, James, 1, Norwood St.

BECKENHAM

Astell, W., St. George's Rd
Copeland, H., 1, The Pavement, Bromley Rd
Cooper, F. & E., 70, Bromley Rd
Graham, T., & Sons, 56, High St
Jacob, F., Avenue Rd.
Jones, T. W., The Crescent Works, 2, Barnmead Rd
Kirk, F. J., 10, Bromley Rd.
Kydd, R., The Fairfield

MID-KENT BUILDING AND CONTRACTING WORKS,
LTD., **BECKENHAM.**

Works Executed include—

London & County Bank, Bromley; St. George's Church House, Beckenham W. ... Bartlett, Esq., Archt. St. ... Church ... Green T. Potter, Esq., Archt. ... and Beckenham Infectious Hospital, Bromley ... Esq., Archt. St. James ... Beckenham, Residence, The Vine, Sevenoaks; A. R. Stenning, Esq. Archt. Four Shops and Premises, Albemarle Road, Beckenham, G. Warren Cooper, Esq., Archt. ... Works ... Esq. Archt. Alterations and additions to the Manor House, ... T. Parrott, Esq. Archt. ... Thorn ... Paxton, H. Watson, Esq. Archt. Enlarging Crawford Street Schools, T. J. Bailey, Esq., Archt.

Moss, A., High St
Palmer, E. R., 17, Wickham Rd.
Syme & Duncan, 14, Blakeney Rd.

BELVEDERE

Stickland & Chandler

BEXLEY

Elms, —, High St.
Green, —, High St.

BEXLEY HEATH

Butler, R. & J., The Broadway
Ellingham & Son, The Broadway
Smith, W. & A., Chapel Rd

BIRCHINGTON-ON-SEA.

Cousins, G., Station Rd.
Letman, ... H.
Wing, A., Station Rd.

BIRLING, Maidstone

Bishop, W. ..., Birling Rd.
Langridge, R., Hart Hill

BOUGHTON MONCHELSEA

Wood, James, & Sons

BRASTED.

R. DURTNELL,
BUILDER AND CONTRACTOR,
Brasted, Sevenoaks, Kent.

Works Executed include—

Additions to Aldborough Hall, Yorks; New Bank at Bedale, Yorks, Additions to Halstead Place, Kent, Mansion, "Merlewood," Sevenoaks, Kent, New Wing to Rossington Hall, Yorks; under Messrs. W. M. Teulon & Cronk. Additions to Brasted Place, Kent, under A. Waterhouse, Esq., R.A. Restoration to Sundridge Church, Kent. Restoration to Pyrford Church, Surrey, Restoration to Ockham Church, Surrey; Restoration to Chessington Church, Surrey; Restoration to Ripley Church, Surrey; Mansion, "Maywood," Sevenoaks, Kent; under T. G. Jackson, Esq., M.A., F.S.A. Mansion, "Foxwold," Brasted, Kent, under A. R. Stenning, Esq., F.R.I.B.A.

Kent—*continued.*

BROADSTAIRS

Blackburn, W. S., 1, John St.
Goodburn, H., Clarendon Rd.
May, J. T., 28, Albion St.
Pointer, A., High St., St. Peters

BROMLEY.

Arnaud, J. C., & Son, 149, High St.

Thos. Crossley & Son,

Builders & Contractors,

BROMLEY, KENT.

Works Executed include—

St. John's Church, Bromley; G. Truefitt, Esq., Architect. St. Luke's Church, Bromley; A. Cawston, Esq., Architect. The Grange, [illegible], Surrey; J. Brooke, Esq., Architect. Board Schools, Bromley; J. Ladds, Esq., Architect. New Holme, Bromley; Aston Webb, Esq., Architect. Coney Hill House, Hayes; Thos. E. Collcutt, Esq., Architect. Cheveniere, Maidenhead; E. Francis C. Clarke, Esq., Architect. House at Haslemere; E. Francis C. Clarke, Esq., Architect. Vicarage, St. John's, Bromley; E. Hellicar, Esq., Architect. Manor Close, Chislehurst; H. Read, Esq., Architect. Hartfield, Hayes; Alex. R. Stenning, Esq., Architect.

Duthoit, F. P., Westmoreland Rd.
Graty, T. D., 3, East St.
Grubb, W. A., 1, Widmore Rd.
Hayward, Geo., Mason's Hill
Hockaday, Wm., "Heatherlie," Ravensbourne Rd.
Howe, R. A., Tylney Rd.

DOUGLAS PAYNE,

BUILDER AND CONTRACTOR,

111, HIGH ST., BROMLEY, KENT.

MACHINE JOINERY WORKS, SAWING AND MOULDING MILLS

Works Executed include—

Yewhurst, South Hill Park, Bromley, Kent.
1, 2, 3 & 4, The Corner Business Premises, High Street, Bromley, Kent
Scads Hill, Orpington, Kent.
59 & 60, Business Premises, Howards' Stores, High Street, Bromley, Kent.
South Transept and Narthex, St Mary's, Plaistow, Bromley Kent, &c

Podger, James, 67, Farw[illegible]
Pritchard, Alfred, 16, West St.
Sanford, H., Streamlet House, Mason's Hill
Satchell, Chas., 18, Park End
Shewbrooks, T., London Rd (Decorator)
Smith, W., & Sons, Gravel Rd., Bromley [illegible]
Taylor, J., & Sons, 61, Mason's Hill
Woodhams, John, 57, Mason's Hill

BURHAM

George, B.

CANTERBURY.

Adcock, W. J., 27, Castle St.
Bateman, F. R., & Sons, 69, St. Dunstan's St.
Belsey, H. J., Stanley Villas, Norman Rd.
Brewster, A. J., 12, St. Peter's St.

WALTER COZENS,

Builder and Contractor,

CANTERBURY.

Works executed include—

Sanatoriums at Ashford and [illegible], Gymnasium at Margate, "May Lodge," Walter [illegible] Buildings, Cliftonville, Messrs. Bodden & Sons' Furniture Depository, Drainage, Canterbury Union; Lavatories, Clergy Orphan College, Chemical Laboratory, Simon Langton Schools; Tannery Buildings, Villa Residences, &c under various Architects, Ecclesiastical and County Surveyors.

Dadds, J., Beer Cart Lane
Gaskin, J. C., 27, Castle St.
Gentry, F. T., 44, Broad St.
Harris, W. R., 112, Northgate St.
Mount, C., 56, St. Dunstan's St.
Parker, J., Black Griffin Lane
Wilson, H. B., 22, St. George's Pl.
Wiltshire, G., 13, St. John's Lane
Wiltshire, J. E., 16-18, Hawk's Lane

CHATHAM.

Clother, Geo., Fair Row and George St.
Pankhurst, Thomas, Clover St.
Sampson, W. & R., George St.
Seagers, E. D., The Brook
Skinner, C. E., Railway St.

CHISLEHURST

ROBERT A. LOWE,

BUILDER & CONTRACTOR,

CHISLEHURST.

Works Executed include—

Chislehurst — Additions to Churchill, Aston Webb, Esq., Architect
Do., Pelham, Aston Webb, Esq., Architect.
Do., Cookham Dene; Aston Webb, Esq., Architect.
Mansion, Holly Bowers, £9,000; G. Lethbridge, Esq., Architect.
Mansion, Brackenside, £6,000, G. Lethbridge, Esq., Architect.
Additions, Claverley; C. Bell, Esq., Architect.
Bickley—Additions, Campville; G. Lethbridge, Esq., Architect.
Do., Gordon Lodge; Messrs. Hudson & Booth, Architects.
London Additions and Decorations to 11, Kensington Palace Gardens, £8,500, Chas. Bell, Esq., Archt.

Otway, J., Belmont Works
White, B. J. & Son, Chislehurst, West
Wood, Francis, Chislehurst, West

CRANBROOK.

Marshall, F., & Son, High St.

CROCKENHILL, Swanley Junction.

Everest Bros., The Village

DARTFORD.

Draper, W., Dartford, Brent
Gunbrell, W., High St.
Hewitt, W., New Town
Kemp, G. J., West Hill
Martin, G., Junction Rd.
Martin, T., High St.
Meers, W., High St.
Miller, P., Highfield Rd.

Kent—*continued.*

Sharp & Sons, Hythe St.
Tuffnal, G., High St.

DEAL.

Denne, G. H., & Son, Queen St.
Trevers, E., Blenheim Rd.

JAMES J. WISE,

Ecclesiastical & General Builder & Contractor,

Steam Saw & Moulding Mills

DEAL.

RECENT WORKS INCLUDE—

Charlton Church, Dover, £11,000 Buckmaster Home, Broadstairs, and road, £13,000, County Hotel, Canterbury And restorations, fittings, or other works at the following churches St. John's, Holland Road, W.; St. Columba's, Kingsland Road, N.; St. Bartholmew's, Dover; East Langdon Church, Westmarch Church, Nonington Church; St. Bartholomew's, Sandwich, Worth Church, Molash Church; St. Mary's, Edgeware. For Messrs. J. Brooks & Son, the late Loftus Brock, Esq., the late Ewan Christian, Esq., J. O. Scott, Esq., Reginald Blomfield, Esq., Philip Day, Esq.; E. D. Matthews, Esq.; W. J. Jennings, Esq.

DOVER

Adcock, W. J., Ladywell

AUSTEN & LEWIS,

Builders and Contractors,

17, Randolph Gardens,

DOVER.

Works executed include—

Dover—Building Two Shops and Premises, at Cannon Street, for H. Zoller and E. W. Fry, Esqrs., £[illegible],150 10s.; Fry & Gardener, Ats.
Dover—Rebuilding Premises for Messrs. Atkins & Son, £779, Cresswell & Newman, Architects.
Dover—Rebuilding Premises for H. Hart & Co., £4,719, E. W. Fry, Esq., Architect.
Dover—New Wing to Hospital, £3,490 15s., W. Leonard Grant, Architect, Sittingbourne.
Whitfield New Wing and Porch to Beauxfield for Worsfold Mowll, Esq., £612 11s. Beresford Pite, Esq., Architect.

Brisley, R. & G., Peter St.
Bromley, W., Priory Hill
Chamberlain, Thos. J., 23, Castle St.
Hall, J., 87, High St.
Hayward & Paramor, 17, Randolph Gardens, and London Rd.
Jackson & Quer, London Rd.
Lewis, G., & Sons, 103, High St.
Lewis, W. G., 5, Cranbrook Villas, London Rd.
Parsons, J., Beaconsfield Rd.
Richardson, H., 35, High St.
Staff, H., Phoenix Works, Snargate St.
Wills, S., High St.

DYMCHURCH, Folkestone.

Wraight Bros.

EASTCHURCH, Sheerness

Bligh, J.

EDENBRIDGE

Goodwin Bros.
Leigh, Edwd.
Smith & Son, High St.
West, J. [illegible]

ELTHAM

Mitchell, S.

ERITH

Mill, G., The Avenue

FARNBOROUGH, R.S.O.

Owen, William, Swiss Cottage
Tennant, Peabody Rd.

FARNINGHAM.

Everest & Marchant, High Rd., The Village

FAVERSHAM

Davies, A. [illegible], Union St.
Davis, C., East St.
Fuller, E., & Sons, Stone St.
Histed, W., Park Rd.
Hogben, H., Station Rd.
Johnson, Geo., St. Mary's Rd.
Judges, W., Boughton
Payne, Geo., Boughton
Ratcliff Bros., West St.
Whiting, R. M. & H., Ospringe

FOLKESTONE

Baker, D. [illegible], Tontine St.
Brooks, W., 27, Guildhall St.
Cam[illegible] A. [illegible]
[illegible]
[illegible] W., T[illegible]
[illegible]
Hayward A. [illegible], Radnor Park Rd.
H[illegible] F. T., 61, Sandgate Rd.
Holdom, W. H., 21, Guildhall St.
Jenner, Chas., Brodmead Rd.
M[illegible] H. R., 88, G[illegible]
M[illegible] F. M. [illegible]
Newman, J., Dover Rd.
Petts, J. A., & Son, 54 & 56, Dover Rd.
Prebble, W. G., 1, Grace Hill
Tunbridge, T., Dover Rd.
Webster, R., 6, Claremont Rd.

FRINDSBURY, Rochester

Gates, G., Frindsbury Hill
Williams, H.

GILLINGHAM.

Gibb, W., 126, Medway Rd.
Harris, H., Devon Villas

[illegible]

Davis & Leaney

GRAVESEND

A[illegible] W. [illegible]
A[illegible] W. H., [illegible]
[illegible] J. M., 2[illegible] Princes St.
Goose, W. P., 124, Milton Rd.
Martin, H. W., Ethel Villas, Wrot[illegible]
Milton & Wa[illegible] Stone St.
Robins, F. C., St. James's Rd.
Seager & Lovell, 8, Darnley Rd.
Seager, H., 34, Bentley St.
Sw[illegible] F. C., Fern Lea, Old Road West
Tuffee, W., The Grove

GREENHITHE

Lockyer, R., High St.

HAWKHURST

Davis, T., High Gate
Edwards, L.
Piper, F., The Moor
Tanner, E., North Grove Rd.

Kent *continued.*

HERNE BAY

[illegible] T., Mortimer St [illegible]

[illegible] W., 5, Brockley Villas

HYTHE

Scott, [illegible]

[illegible]

Gates, W. Thos., St. Peter's Court, Lee Green

Havell, G. F., 165, High Rd

LONGFIELD, Dartford

Gilham, R. W., Station Rd

Longhurst, [illegible], Station Rd

LOOSE, [illegible]

Watkins, E.

Wood, [illegible] & Sons

MAIDSTONE

Avard, R., West Boro'

Barden, T. J., 8, Union St

Bridge, J. H., 6, Brewer St.

Candler, G., Earl St

Cox Bros., 22, Stone St

Cruttenden, Hy., 44, Week St. Plumber &c

Elmore, T., 66, King St

Foord, J. R., & Sons, King St. Plumbers, &c.

Hunt, J., Water Lane, Plumber, &c

Pearce, G., Mill St

A. N. Pryer & Co.,

BUILDERS & CONTRACTORS,

West Borough, Maidstone

WORKS EXECUTED INCLUDE

[illegible]

[illegible]

St. Peter's, Maidstone, H. Bensted, Esq., [illegible]

St. Lawrence's, [illegible], [illegible] Ar[illegible]

St. Mary's East Farleigh, £7,100, J. L. Pearson, Esq., Architect

St. Michael's and All Angel's Maidstone, Mr. A. Broomfield, Architect

St. Margaret's, Addington

All Saint's, Hollingbourne

St. Margaret's, Barming

St. Mary's, Hunton.

[illegible]

[illegible] following

House, Wrotham Heath, for Lady Caroline Nevill, H. H. Langston, Esq., Architect.

Holborough Court, Snodland, £33,000, for Col. W. H. Roberts; H. Bensted, Esq., Architect.

Convalescent Home, Bearsted Near Maidstone, for Miss E. C. Porter

Maidstone Boys' Grammar School, E. J. Stephens, Esq., Architect.

Boxley House, Maidstone, for A. F. Style, Esq

LeybourneGrange, West Malling, for Sir [illegible] Bart

Clare House, Larkfield, for W. L. Wigan, Esq.

Mote Hall, Bearstead, for Mrs Blunt, T. Blair Reynolds, Esq., Architect

Hadlow Castle, Kent, for J. Rogers, Esq. [illegible]

Thornhills, Maidstone, [illegible] Miss Balston

Milgate Park, Maidstone, for W. Fremlin, Esq

Medway Brewery, £38,000, for Messrs. A. F. Style & Co. [illegible]

Phœnix Brewery, Wateringbury [illegible] & Sons, Messrs. Harrap & Duffield, [illegible]

ARCHITECTS' COM. Q Q

PRYER & CO. (continued)

The Priory, East Farleigh, for Mrs. Ellis

Police Stations for the Kent County Council; F. W. Ruck, Esq., County Surveyor

The Hermitage, West Malling, for Col. Luck; H. Bensted, Esq., Architect.

Veles, Snodland, for the Misses Hook.

Maidstone Soup Kitchen, Messrs. Ruck & Smith, Architects

Isolation Hospital, for Malling Rural District Council, John Ladds, Esq., Architect.

Ornamental Lake and Water Supply, at Preston Hall Aylesford for the late H. A. Brassey, Esq.; J. Ayres, Esq Engineer

Water Supply to Aylesford and Mill Hall, for the late H. A. [illegible], J. Ayres, Esq., Engineer.

Water Supply to the Mote Maidstone, for the Dowager Lady [illegible]

Water Supply to Park House Boxley, for Major M. G. Best

Water Supply to East Sutton Estate, for Sir G. Filmer, Bart.

Water Supply to Ulcomb, for the Hollingbourne Guardians

Heating Apparatus to Science & Art Schools Maidstone, Messrs. Ruck & Smith, Archts

Heating Apparatus Wesleyan Chapel, Folkstone; Messrs. Ruck & Smith, Architects.

CONSERVATORIES AND GREENHOUSES.

A large quantity erected, and in the course of erection.

Designs sent on application

Trendall, A., Station Rd. Plumber &c.

G. E. WALLIS & SONS,

Builders & Contractors,

BOXLEY ROAD WORKS, MAIDSTONE.

Works Executed Include

County of Kent, New Bridge at Tonbridge, F. W. Ruck, Esq., County Surveyor

Messrs. Fremlin Bros., Maidstone, New Brewery, £30,000 W. Bradford, Esq., Archt

Maidstone Water Works Company, Reservoir, Collecting Tanks, and Pumping Station £[illegible], Messrs. [illegible] & [illegible], Engineers

Messrs. Pine & Sons Maidstone New Malting, £[illegible], A. Kinder & Sons, Architects

War Department, New Officers' Messes, Huts, &c., Shorncliffe, £75,000. Soldiers' Quarters, Woolwich, £33,000, Cambridge Hospital, Aldershot, £17,000.

Mansion, Addington Park, Kent, C. Sofer Whitburn, Esq., J. Macvicar Anderson Esq., Archt.

Science & Art Schools, Maidstone, £10,000, A. W. Smith, F.R.I.B.A. Architect.

Elham Union Workhouse, Infirmary, Administrative & Kitchen Buildings, Chapel, &c., Messrs. [illegible] & [illegible], Architects. £2[illegible]

Admiralty Police Quarters, Upnor £3,000.

New R. M. Barracks, Walmer £15,000

London School Board, Blackheath Road School, T. J. Bailey, Esq., Architect. £11,000

Kent —*continued*

MALLING, EAST

Allchin, W. H., Mill St

Pye, E. H., The Laurels

MALLING, WEST

Hodges, G.

MARGATE

Adams, C. W., Bath Rd

Adams, G. T., Addington Rd

Amos, J., Victoria Rd

Barton, R., 16, Marine Ter.

Barwick & Ansell,

Builders & Contractors,

KING STREET.

MARGATE.

Works executed include—

Three Shops and Houses, High Street, Margate, A. Latham, Esq., Archt

Margate Municipal Stables and House, A. Latham, Esq., Archt

Pomona House, Westbrook, F. Dannon, [illegible]

Ten Houses, Royal Crescent, Margate, A. Latham, Esq., Archt.

New Aisle, Sacristy and [illegible] at S. S. Austin & Gregory's Church, Margate

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Brown, J., & Sons, 23, Clifton St.

Cooke, G. R., & Son, Zion Pl.

Doughty, F. J., New St.

Galsworthy, L., Station Rd

Gore, Bros., Addington Rd

Pagget, Edward, Belgrave Villas, [illegible]ton Rd

[illegible]mmer & Sons, Eaton Rd

Pettman, E., Preston House, Northdown Rd

Turnslowe, B., Ramsgate Rd

Wales, J., Union Crescent

Weymouth, E. C., Buckingham Rd

Woodward, Alfred, Zion Pl

MILTON NEXT-[illegible]

Bowes, G., 62, Chalkwell Rd

Gardner, J.

NEW BROMPTON

Cornelius, T., Balmoral [illegible]

[illegible]dwin, E. L., 61, Windmill Rd.

Hammond, F., 34, Kingswood Rd

Smith, A. W., Duncan Rd

Snow, W. C., Canterbury St

Vye, Bros., 35, Gardener St

Weymouth, A., Florence House, Windmill Rd

Woollard, J. E. D., [illegible]7, Canterbury St

NORTHFLEET

Rayfield, W. H., 7, London Rd

OLD BROMPTON

King, Wm., Prospect House, River St

Watchurst, E. J., & Son, 25, Middle St

OLD CHARLTON

Carter, G., 3, Maryon Rd

Grant, F., The Village

Haire, J. H., Lansdowne Rd

Tomsett & Co., The Village

[illegible]

Somerford, H., & Son, High St

PENSHURST

Constable, H.

[illegible]

Foreman, C., Blomfield Rd

Hodgin, J. H., 66, Sandy Hill Rd

Hutton, Alfd., 25, Chestnut Rd

Kitley, Charles, 36, High St

Lonergan, Messrs

RAMSGATE

Bowman & Son, Harrison Villas, Bellevue Rd

Forwalk, J. H., Eller Villa, The [illegible]

Grummant, J., & Sons, Grange Rd

[illegible], Denmark Rd

[illegible] W. [illegible] Joinery [illegible]

[illegible]

Newby, John, [illegible]

Port, W. H., Ellington, St. Laurence

Stock, Robert, Albert St

White, J. & H., Meeting St

Woodhall, J. W., Belmont Works, Chatham St

ROCHESTER

Bathurst, J., 5, Bathurst Ter., Frindsbury

Callund, Thomas, & Son, Eastgate

Darby, W., & Son, 140, Eastgate

Gouse, W. P., Roebuck Rd

Naylar, J. G., & Son, 18, Queen St

Patrick, J. & M., Old Star Mills

ST. MARY CRAY

Glassup Bros., Anglesea Rd

Hart Bros., High St

Taylor, W. R., Anglesea Rd

SANDGATE

Prissenden, James

Jeal, J. J., 1, Cavendish Villas, Seabrook

SANDWICH

Brisley, J., Ash, near

[illegible]

Saxby, George

[illegible]

Beaven, E., 73, London Rd

Wiltshire & Sons, St. John's Hill

SHEERNESS

Hughes, E. F., Broadway

Pavey, G., 151, High St

SIDCUP

Hope, B.

T. KNIGHT,

[illegible]

STEAM SAW MILLS

AND

JOINERY WORKS,

CRAYBROOKE HOUSE, MAIN Rd

SIDCUP.

WORKS EXECUTED [illegible]

Dartford Infirmary £[illegible]. Marten Bank £3,500. Flats, Stoke Newington, £35,000. Northwood Middlesex, Additions £2,500. [illegible] £[illegible] [illegible] Church [illegible], £[illegible] [illegible] St. Mary [illegible] £[illegible]

Kent—*continued.*

Martin & Wells
[illegible] Works

SITTINGBOURNE

Bishop, E., Albany St
George, S., Green St.
Monk, T., Terrace Rd
Pavey & Sons, 52, West St.
Seager, L., London Rd
Tidy, H. J., 1, Bell Rd.

SNODLAND

Bishop, W. F.
Langridge, R., H[illegible]
Tomlin, T., Bramb[illegible]
Wilford, J., May St.

SOUTHBOROUGH.

Gallard, C. J., 28, Pennington Rd.
Hudson, T., Holden Park

SOUTHFLEET.

Lucas, C., High St.

STROOD

Ball & Gammon
Fenton & Co., Cuxton Rd.
Roberts, Charles S., Jersey Rd.
West, G., Station Rd.
West, J., South Weston Rd.

SUTTON-AT-HONE, Dartford.

Wootton, W., Main Rd.

SWANLEY JUNCTION.

Lonsdale, John

SWANSCOMBE

Homersham, O. C., 17, High St., Galley Hill

TONBRIDGE.

Elkington, , High St.
Punnett, E., Tile House Works

TUNBRIDGE WELLS

Beale & Son, Frant Rd
Jarvis, J., Waldron House, Grove Hill Rd
Judd, W. E., Stone St.
Mansfield, G., & Son, Pelham House, London Rd. and Decorators,
Penn, G., & F., Pembury
Soper & Jones, Mount Pleasant Rd

STRANGE & SONS
BUILDERS [illegible]
34, London Road and Holly Bank
TUNBRIDGE WELLS
Works Executed include—
Mansion, "Stoneleigh," Tunbridge Wells, £7,300, Messrs. H. H. & E. Cronk, Archts. **Pump Room,** Do., £5,200, Thos. Ladds, Esq., Archt. **Residences,** Do., £8,[illegible], W. B. Hughes, Esq., Archt. **Mission Hall,** Do., £1,000, Messrs. Potts, Sulman & Hennings, Archts. **Additions to Mansion "Boarshead,"** Do., £7,000; A. Strong, Esq., F.R.I.B.A., Archt. **Carriage Factory,** Do., £6,500, Messrs. H. H. & E. Cronk, Archts. **Extension Grammar School,** [illegible] £25,000, W. Campbell Jones, Esq., A.R.I.B.A., Archt. **Residence and Stabling, "Rusthall,"** Tunbridge Wells, £4,500; Col. R. W. Edis, F.S.A., Architect.

WALMER

Denne, W. & T., Upper Walmer
Wise, J. J.

WATERINGBURY.

Dray, J., and Son
Wells, W.

WELLING

Brightling, J. M.

WESTGATE-ON-SEA

Lockwood, A. G., & Co., The Grove
Rickett, Geo., 2, Cambridge Villas & Elm Grove Works
Shrubsole, L., Canterbury Rd.

WHITSTABLE

Amos & Foad, Church Rd
Cornelius, T.

WILMINGTON, Dartford

Martin, T., Orange Tree Ter

[illegible]

Bourne, W. H., & Son

WOOLWICH

Covil, E. G., 73, Brewer St.
Fenn, A. J., 42, Thomas St.
Harris, W., Steam Joinery Works, Elizabeth St., North Woolwich
How, A., Thomas St.
Kirk & Randall, Warren Lane Wks.
Proctor, E., 5, Walpole Pl., Waterman's Fields
Stow, A., 45, Thomas St

Lancashire.

ACCRINGTON

Accrington & Church Co-operative Society, Ltd., 5, Oak St. (Joiners)
Adams, Geo., Ryddings St., Oswaldtwistle (Mason)
Carter & Sons, 54, Blackburn Rd. (Plumbers)
Carter, Wm., Blackburn Rd. (Plumber)
Critchley, J. H., 417, Blackburn Rd (Bricklayer & Mason)
Cronshaw, T., Burnley Rd. & Dowry St. (Plasterer)
Cronshaw, T., 1, Spencer St. (Mason)
Cunliffe, George, & Son, 116, Water St. (Mason)
Dixon, W. H., Washington St. (Mason)
Eastwood & Douthwaite, Hope St. (Plasterers)
Fell, C., St. James' St. (Painter)
Foster, S., & Son, 18, Blackburn Rd.
Kay John, 137, Blackburn Rd (Slater)
Nuttall, R., Malt St. (Joiner)
Parker, W., 65, Pendleton St. (Joiner)
Ramsbottom, Hannibal, Whalley Rd (Mason)
Ramsbottom, Hy., Croft St. (Mason)
Riley, B., Grange Lane (Joiner)
Roberts, John, Bold St. (Slater)
Robinson, John, Bridge St. (Plumber)
Rostron, Thos., 186, Blackburn Rd (Joiner)
Stanley, , 136, Stanley St. (Mason)
Waddington, H., Grant St. Steam Saw Mills (Joiner)
Whitehead, Jas., Water St. (Slater)
Wilkinson, J., Bank St. (Painter)
Wilson, A., Blackburn Rd (Painter)

AIGBURTH VALE

Peers, J., 12, Victoria Rd.

ASHTON-IN-MAKERFIELD

Green, W., Victoria Saw Mills, Wigan Rd., Bryn
Pennington & Watson
[illegible], Jas., Gerard St., (Plumber, &c.)
Smith & Painter, Heath Rd.
Unsworth & Roberts, Warrington Rd. (Plumbers)

ASHTON-UNDER-LYNE

Crackston, Thos., Katherine St.
Dean, T., Hurst Brook
Fish, Robt., 53 Mill Lane
Fitton & Bowness, Dean St.
Keswick, Chas., Yorkshire St.

Kirkby, E., Blandford St.
[illegible]
Marshall, Edwd., Wellington Rd
[illegible]lyard, J., Cavendish St
Robinson, John, Katherine St.
[illegible]

ATHERTON

Annette, Alfd., Alder St
Grundy, Thomas, Atherton Saw Mills
Langley, J., Morley Fold Lane
Nuttall, James, Exors. of, Thomas St
Tildesley, J., Flapper Fold Lane

BACUP, Manchester.

Ashworth, W., Huttock Top
Brearley, J., Goosehill (Mason)
Cropper, A., Pipping Bank (Mason)
C[illegible], W., & Son, Pipping Bank (Plumbers)
Greenwood, J., Lumb Hall Saw Mills (Joiners)
Hargreaves, J., & Co. Waterside (Masons)
Harrison, W., Britannia
Law, J., & Sons, Rockliffe (Joiners)
Lord, W. H., Green End, Vale St.
Siddall, R.
Smith, B., Blackthorne, Burnley Rd (Mason)
Sutcliffe Bros., Steam Saw Mills (Joiners)
Wilkinson, J., 125, Rochdale Rd

BARROW IN FURNESS

Brown, T., Hindpool Rd. (and Bricklayer)
Carter, J., Raleigh St. (Plumber)
Cox, James, 35, Cavendish St. (Bricklayer)
Cox, John, Newbarns (Bricklayer)
Fairbairn, W. W., Abbey Rd. (and Mason)
Geil, J., 41, Forshaw St. (Plumber)
Gradwell, W., & Co., Devonshire Dock
Henderson, A., School St. (and Joiner)
Huddleston, H., 37, Carlisle St. (Plasterer)
Neal, J. H., West View Rd. (and Bricklayer)
Newgreen, , Church St. (Joiner)
Ormandy, W., 44, Church St. (and Joiner)
Ramsay, W., Ramsden Sq. (Plumber and Decorator)
Rothwell, C., 14, Strand (Plumber)
Saddler, W., High St., and Carlisle St. (and Joiner)
Slee, T., Cheltenham St. (and Joiner)
Thompson, W., Greengate Bridge
Walker, J., Storey Sq. (Plasterer and Slater)
Ward, T., 221, Dalton Rd. (Plumber and Painter)

BIRKDALE (*see Southport*).

BLACKBURN

Ainsworth, J., & Son, 3, Foxhouse St. (Plasterers)
Ainsworth, Wm., 20, Sarah Ellen St. (Plasterer)
Airey, A., Hanson St. (Plasterer)
Angles, F. H., Audley Range (Plumber and Glazier)
Boland, J., 1, Wesley St., Bastwell (Mason)
Brooks, G. W., Darwen St., (and Joiner)
Carus & Sons, Whalley Range (Plumbers)
Caton, J., Fielden St. (Carpenter and Joiner)
Chadburn, J., 24, Salford (Plumber)
Chadwick, Geo., 10, Clarendon Rd. (Pavior)
Chadwick, Wm., 2, Chorlton St. (Pavior, &c.)
Charnley, J. L., & Bros., 2, Exeter St.
Charnley, Thos., 147, Queen's Rd. (Mason and Bricksetter)
Cheetham, C., Darwen St. (Plumber)
Cook, W., & Sons, Carr St. (Plasterers)
Corry, W., & Son, Whittaker St. (and Joiner)
Coulthard, T., Mitton (Carver)
Craven, Thomas & Son, Bold St., Sawing and Planing Mills
Cronshaw, John, 42, Lancaster Pl.,
Cronshaw, W. J. W., Pump St
Cunliffe, E., 18, King St. (Plumber)
Cunliffe, W. H., 21, Church St. (Painter)
Dewhurst, Geo., 2, Ripon St. (Pavior, &c.)
[illegible], Town Hall St. [illegible]
Dyson, J., & Son, Canterbury St. (Slaters)
Eastwood, R. T., Regent St. (Flagger and Slater)
Edmundson, William, Bolton Rd. Saw Mills
Fecitt, J., & Sons, Weir St. (Masons)
Fielding, James (Bricksetter)
Foster, Bros., Audley Rd. (Flaggers and Slaters)
Gilbbrand, J., 88, Wensley St. (Bricksetter)
Gilbbrand, W., 127, Stansfield St. (Bricksetter)
Gregson, W. & A., 39, Maple St. (and Masons)
Grime, J. W., 101, Snig Brook (Plasterer)
Hanson, S., 20, Wellesley St., Bank Top
H[illegible], T., & Son, [illegible] St. Saw Mills
Higson, J., & Son, Bridge St., Witton (and Joiners)
Highton, J., Jun., Witton (Plumber)
Higson, Thomas, & Sons, Byron St
Hill, Robt., Swan St. (and Joiner)
Hilton, C., 80, Highton Ter. (Bricklayer)
Hilton, R. B., & Sons, Byrom Ter., Witton (Bricksetters)
Hodgson, G. & G., Snig Brook (Joiners)
Hodgson, Robert, Bold St. (Plasterer)
Hollis, R., Sour Milk Hall Lane (Plasterer)
Hubberstey, Robt., Larkhill (Plumber)
Ibbotson, R., St. Peter St. (Joiner)
Jenkins, W., 77, Queen's Park Ter. (Drainer)
Keeley, Geo., Nab Lane (Carpenter and Joiner)
Kenyon & Moulding, Montague St. (and Joiners)
Law, W. H., 35, King St. (Plumber)
Leaver, J., & Son, 47, Northgate (Painters)
Lewis, E., & Sons, Shorrock Delph, Grimshaw Park (Masons)
Livesey, John, G[illegible]greaves St. (Carpenter & Joiner)
Lloyd & Millward, Canal Saw Mills, Forest St.
Mackenzie, W., 6, Roney St. (Plasterer)
Marshall & Dent, Limbrick (Joiners, &c.)
M[illegible], Randal St. (Flagger and Slater)
M[illegible], Hardman St. (Joiner)
Parker, James, Peter St., Daisyfield (Carpenter and Joiner)
Pickup, H., 68, Northgate (Painter)
Pye, John, Coppy Nook (Joiner)
Salisbury, E., 18, Freece St. (Bricksetter)
Sharples, Jas., Swan St. (and Joiner)
Shaw, Alexander, 19, Cardwell Place (Plumber)
Shorrock, J., Randal St. (Joiner, &c.)
Simm, Israel, New Chapel House, Balderstone, near
Smith, Hy., Whalley Range (Carpenter and Joiner)
Southworth Brothers, Merchant St., Salford Bridge (Carpenters)
Standen, T., Nab Lane (Plasterer)
Stones, Wm., & Sons, Darwen St
Talbot, Thos., Bastwell Rd. (and Joiner)
Thompson, J., Clayton St. (Flagger and Slater)
Topping, W. A., Bastwell (Plumber)
Walmsley Bros., Whalley New Rd. (Masons)
Walsh, P., & Son, 19, Penny St. (Plumbers)
Webster, R., Mill Lane (and Joiner)
Whalley, W. & J., 63, Limbrick (Plasterers)
Whittaker, J., & Sons, Johnson St. (and Joiners)

Lancashire—continued.

Whittaker, Robt., & Sons, Hope St. and Joiners
Williams, W., 5, Ribble St. Mason

BLACKLEY

Butterworth, F., Market St
Whittaker, Charles, Bonny Row

[illegible]

Ainsworth & Bradbury, Back Lowery St., South Shore Joiners
Ainsworth, W., Elizabeth St
Blawn, H., Hornby St Bricklayer
Bonny, R. W., Church St. (and Joiner
Butterworth, S., & Sons, Hornby Road Mason
Cardwell Bros., Church St.
Challoner Bros., Raikes Rd. Plumbers [illegible]
[illegible] W., Birley St (Plumber, & [illegible]
Collinge, Geo., Great Marton Rd Mason
[illegible], & Sons, Abingdon St [illegible], &c
Coulston, J., Hounds Hill Plumber
Crighton, J., Miller St., South Shore Joiner
Crosby, R., Caunce St Plumber
Dean, W. H., & Sons, Castle Gate, South Shore and Masons
Dewhurst, J. B., Upper Braithwaite St. Plasterer
Dodds & Levick, St. Ann's St. Plumbers
Eaves, W., & Co., The North Shore Saw Mills and Joinery Works, Springfield
Elston, R., Lytham Rd., South Shore
Escolme, R. & J., Handley Rd.
Fielding, J., & Sons, Birley St and Masons)
Fisher, G. H., 43, Crystal Rd., South Shore (Joiner)
Garside, J., Elizabeth St. Mason
Hartley, T., Princess St. Saw Mills
Hartley, J. H., South Edward St. (Joiner)
Hill, J., Great Marton (Bricklayer
Hodgson, C., Church St., South Shore (Plasterer)
Illett, W., Lytham Rd., South Shore Stonemason
Judson, T., Caunce St. (Plumber
Kay, J., & Son, 16, Fisher St. (Slaters
Kenyon, J., Waterloo Rd., South Shore (Plumber, &c.,
Kerfort & Fryer, 97, Elizabeth St. (Bricklayers)
Lindley & Wild, Church St. (Painters, &c.,
Lupton, Bailey & Richardson, Cocker & Exchange St. (Masons
Miller, W. S., Station Rd., South Shore
Moister, W., & Co., Caunce St. Brickworks Bricksetter, Joiner, &c.)
Morton, J., Cowgap Lane, South Shore Joiner)
Nickson, J., 2, Imperial Terrace, Mason
Nightingale, J., & Co., Waterloo Rd., South Shore Joiners)
Parkinson, [illegible] Church St. (Plumber)
Parr, H., Caunce St. (Plumber)
Porter, J., Hill St., South Shore (Joiner)
Pye, J., New Rd. (Slater)
Robinson, H., Elizabeth St. Slater
Smith, B. P., Church St., South Shore (Plumber)
Smith, T. H., Abingdon St. & Joiner)
Stafford & Ainsworth, 111, Lytham Rd., South Shore (Plumbers and Decorators
Talbot & Walton, Palatine Rd Joiners)
Taylor, E., Brighton Parade (Drainer
Turner, J., Talbot Rd (Plumber)
[illegible]
Ward & Brown, Gt. Marton Rd (Bricklayers and Plasterers,
Ward, J., High St. Bricklayer)
Whitehead, S. & J., Albert Rd Bricklayers and Masons,
Whiteside, J., 48, Buchanan St Joiner

Worthington & Sons, 23, Birley St., & Back Church St. Decorators Plumbers, &c.
Worthington, G., 17 & 44, Bonny St Plumber
Wray, R. J., New Rd Mason)

BLUNDELLSANDS

Bates, James
Costain, R.

BOLTON

Altham, W., Westbrook St. (Slater
Bell, Jos., 2A, Waterloo St. Plumber and Glazier
Bocock, R. & J., Howard St. (Stonemasons'
Booth, John, 238, St. George's Rd Plasterer and Painter
Bourne & Son, Cast[illegible] Painters and Decorators
Bowden, Jas., Mayor St. Mason
Bradbury, J., Orlando St. Mason & bricklayer
Brown, Lewis, Senr., 23, Chorley Old [illegible]
Brown [illegible], School Hill (Plumber
[illegible] Bath St. Plumber and Glazier
Burrow, W., & Son, Ruth St., St. [illegible]
[illegible]
[illegible]
[illegible]ley, H., 19, Palace St. (Plasterer and Painter
Crompton, Jas., 111, St. George's Rd. Plumber and Glazier
Cuerdon, R., & Sons, 212, St. George's Rd. (Plumber, &c.)
Cunliffe, Wm., John St., Derby St (Joiner)
Davies, S., 72, Shaw St
Dobie, W., & Sons, Nelson St. Joiners
Doctson, Saml., 28, Arkwright St. Bricklayer
Dunning & Morris, 166 & 168, Crook St. (Plasterers and Painters)
Edwards, Evan, 27, Duke St. (and Joiner)
Flitcroft, Jas., 28, Howell Croft Plasterer and Painter)
Glover Bros., Marsden Rd
Gomall & Son, Ellesmere St
Gornall & Booth, 34, Grosvenor St., Manchester Rd (Bricklayers
Gregory, John, Fletcher St. Slater)
Gregson & Smith, Morehall St Mason
Halliwell, John, Burlington St.
Harwood, J., 8, Manor St. (Plumber and Glazier
Haywood, Henry, 19, Church St.
Hind, Richd., Willows Lane
Hindley, John, 6, Wentworth St., Little Bolton Bricklayer
Hodson, J., St. George's Rd Slater
Hope, Geo., Ruth St. Sewerage
Hudson, J., Blackhorse St.
Jackson [illegible] C., 302, Bark St. and [illegible]
Jones, Evan, 231, Deane Road (Plasterer and Painter
Jones, [illegible], 80, School Hill [illegible]
Kearns, W., 10, Simpson St. Sewering Contractor
Kenyon, R. W., Park Saw Mills, [illegible] Rd. Joiner)
Kilburn, T., 46, Arrowsmith [illegible] Sewerage,
Leach, J. and J., 176, Blackburn Rd Astley Bridge Masons
Lee, Wm., Church Bank (Plumber and Glazier,
Maginnis, E. & D., Bow St.
Marsden, J. H. & G., Bridge St. Joiners
Marshall E., 28, Manor St. Plumber and Glazier
Mason, H., Hanover St. Contractor
Merrick, Joseph, 67 Bridgman St Bricklayer,
Mosley, R., Hampden St.
Page, C., & Son, Palace St.
Paiton, R., 5, Bradford St. and Joiner)
Pollitt, W., 47, Pool St. Sewerage Contractor)

Ratcliffe, J., Sons & Co., 106, St George's Rd Plasterers and Painters
Rayner, Robert, Fold's Rd and [illegible]
Reed, John, 221, Blackburn Rd [illegible]
Roberts Henry, 141, Bradshawgate Painter and Decorator)
Roberts, J., 4, Thomas Holden St. (Joiner)
Rogers, John, & Son, 130, St. George's Rd Plasterers and Painters
Ryley, Geo., Derby St.
S[illegible]les, R., 301 and 303, Blackburn Rd Plumber and Glazier)
Scholes Thos., Hibbert St. (Mason
[illegible] John, 346, Deane Rd [illegible]
S[illegible] S., 116, Manchester Rd
Seddon, W. Z., 258, Deane Church Lane Bricksetter
Sharples, W., 25 and 26, Brown St Bricklayer
Shurmer, Thos., 308, Manchester Rd.
S[illegible]k, J., and Son, 23, Great Moor S[illegible] and Bricklayers
Skinner, J., Edmund St., Higher Bridge St and Joiner
Slater John, 111, Higher Bridge St
S[illegible] Wm., 48, Bridge St. (Plumber and Glazier)
Stephenson, J., Arkwright St.
Stewart, Jas., 107, Nelson Street Plasterer and Painter
Taylor, J. W., Exors. of Bury New Rd (and Joiners
Thomason, W., 21 and 23, Weston St. Plumber and Glazier,
Townson, Wm., Park Hill St., Chorley Rd (Joiner)
Vause, J., and Son, 54 and 56, Duke St. Plumbers)
Walsh, R., Daubhill (Plumber and Glazier)
Warburton, A., & Son, 15, St. Helen's Road (Plasterers and Painters)
Ward, Wm., 7, Crook St. Plasterer and Painter)
Warr & Co., Church Bank (Slaters)
Watson, Thomas, 13, Bowker's Row Painter and Decorator,
Witter & Son, Crown St Plumbers and Glaziers)
W[illegible] J. W., Spa Rd Works, [illegible]gate (Plumber)
W[illegible] & Son, Manchester Rd.
W[illegible] Johnson St. (Plasterer and Painter)
Wrigglesworth, W. H., Bridgman St

BOOTLE, Liverpool

Blackburn, E., Kelso Rd
Chesters, T., & Son, Ltd., 41, Oriel Rd Painters & [illegible]
Hughes & Starling, Victoria W[illegible]ks
Litt, W., 93, Millers Bridge
Musker, Walter, Exors. of, Langdale St
Webster, Samuel, 10 & 12, Brasenose Rd
Woods, George, & Son, 263, Stanley Rd., Canal Bridge

[illegible], Burnley

Dent, Wm.

BRINSCALL, Chorley

Brown, R.
Leigh, John

BURNLEY

Atkinson, Thos., 91, Reed St. Mason
Astin, Wm., Bankhall Ter. (Mason
Beel, Richd., 3, Reservoir
Boothman, Thomas, Sackville St., Brierfield Joiner
Bracewell, Wm., Mitre Works, Joiner
Brown, R., Talbot St. (Joiner
Bullock, Chas., Hart St.
Clegg, Bros., Eastham Pl. Joiners)
Cudworth, G., 75, Temple St. Mason)
Dean, R., & Sons, Plumbe St. Saw Mills Joiners
Gill, Francis, 58, Holbeck St.
Hanson, John, Stanley St. (Joiner)
Heap & Harrison, 22, Clifton St Masons
Heap, H., Todmorden Rd.

Heap, J., 171, Woodside, Todmorden Rd.
Heap, T., & Sons, 56, Holme View Colne Rd Masons
Howarth, J., Calder Vale Rd Joiner
Kippax, Robert, 4, Leyland Rd (Mason
Laycock, Daniel, & Sons, Omerod Rd Masons
Leslie & Nightingale, 168, Coalclough Lane Masons
Omerod Bros., 1, Brunswick St., Padiham Rd. (Masons)
Owen & Co., Yorke St Plumbers
Parker, A. & R., 13, Thursby Rd Masons
[illegible] Hawk St. Masons
[illegible] St Masons
S[illegible]d, Wm., Colne Rd Slater and Concreter
Shackleton, Albert, Bankhouse St Plumber
[illegible] Mason
[illegible] St
[illegible] Mason
Smith, Bros., Eastham Pl., Turf Moor [illegible]
Smith, G., & Sons, Redruth St. Saw Mills, Padiham Rd [illegible]
[illegible]
Smith, John, Plumbe St Mason
Smith, Thos., 112, Hollingreave Rd
Stansfield & Son, 15, Curzon St. Plumbers
Stanworth, Wm., Railway Bridge, Curzon St. Slater)
Taylor, A. & S., 2, Temple St.
Whittaker, O., Manchester Rd. Slater & Concreter
Wilkinson, Robt., Thursby Rd

BURY

Ashworth, Thos., Freetown
Birtwistle, A., & Sons, Bolton St
Brierley, Charles, Brierley St. Saw Mill, Fishpool
Byrom, J., Whitelegge St., Woolfold [illegible]
Clough, S., 2, School Brow
Comfort, Jethro, Spring St
[illegible] Rochdale Rd.
Hall, J. & S., South Cross St.
Hall[illegible] Frederick St.
Hardman [illegible], & Sons, Crostons Brow, Elton
Howorth, Wm., 10, Woodfields [illegible]
[illegible] Bolton St.
Inman, John, Fishpool
Lord, W., Cateaton St.
Mellor, J., 10, Haymarket St
New Bury Saw Mill, Fernhill
Newhouse, Thomas, Tottington Rd., Elton
Rothwell, L., Hudcar
Smith, John, & Sons, East St.
Taylor, J., Byrom St. Saw Mills, Buckley Wells
Taylor, John, Lower Chesham
Thompson & Brierley, Union Saw Mills, Boundary St.
Thornton, Thos., Margaret St.
Tinline, John, Parker St. Saw Mills
Wilde, T. & L., South Cross St

CADISHEAD, Manchester

Brew, Edwin

CARNFORTH

Payne, G., Plumber)
Rigg, J., & Sons

CASTLETON, Manchester

Logan, J. A., 52, Church St.

CHADDERTON, near Oldham.

Partington, J. T., Victoria St.
Partington, O., & Son, 61, Spring Wood
Wrigley, T., Junr

CHORLEY

Baxendale, R., & Sons, Lyons Lane Joiners)
Bennison, Wm., 2, Bolton St. (Plumber, Painter, &c.)
Booth, Jonathan, 25, Gillibrand St.
Brindle, Jas., & Sons, 88, Clifford St

Lancashire—*continued.*

Browmley, Robt., 32, Railway St. (Joiner)
Catterall, J., 35, St. Thomas Rd. (Mason)
Catterall, Louis, Park Rd. (Mason)
Collinson, W., & Son, Dole Lane (Joiners)
Crook, Thomas, Peel St. (Joiner)
[illegible], J., [illegible] St. (Joiner, &c.)
Froom, Samuel, Edward St. (Joiner)
Gartside, R., & Sons, 4, 6, & 38, Back Mount (Plumbers, Painters, &c.)
Hampson, Wm., Pall Mall (Slater, Plasterer, &c.)
Heald, A., Colliery St. (Joiner)
Heald, A., (Exors. of), Pall Mall (Plumbers, Painters, &c.)
Heald, Geo., Clifford St. (Joiner)
Langton, Jos., St. Thomas' Rd. (Plumber, Painter, &c.)
Leyland & Walmsley, Sherburn Mill (Joiners)
Lucas, J., Market Pl. (Plumber, Painter, &c.)
Lucas, John R., Back Mount (and Joiner)
Lupton, Thos., Gillibrand St. (Joiner)
Nightingale, Hy., Upper Cleveland St. (Plumber, Painter, &c.)
Simmons Bros., Market St. (Masons)
Tootell, George, & Son, Stanley Pl. Saw Mills (Joiners)
Townsend, Watson & Gates, St. Thomas's Rd.
Wilding, W. H., Brook St. (Bricklayer)
Yates, G., Chapel St. (Plumber, Painter, &c.)

CHOWBENT, near Manchester

Grundy, T., Atherton Saw Mills

[illegible]

Grimshaw, James, Drill Hall Lane

CLITHEROE

Bleazard, John, Railway View (Contractor)
Bond, H., Back Commons (Joiner)
Calverley, George, Chatham Road (Joiner)
Carr, Jos., & Son, Moor Lane (Joiners)
Ford, John, 67, Woone Lane (Slater, &c.)
Fox, Andrew, Springfield Terrace (Mason, &c.)
Hargreaves & Whalley, Lowergate
Hyson, Jas., Wellgate (Joiner)
Mitchell, W., 29, Woone Lane (Mason)
Norcross, Jos., Shaw Bridge (Slater, &c.)
Parkinson, H., York St.
Smith, Wm., 2, Turner St. (Mason, &c.)
Thexton, Jos., Turner St. (Joiner)
Veevers, A., & Sons, Shaw Bridge (Joiners)
Watson, John, & Sons, 2, York St. (Plumbers, &c.)
Whiteside & Son, Castlegate (Plumbers, &c.)

COCKERHAM, Garstang, R.S.O.

Cortess, J. & T.
Moore, G., & Sons

COLNE

Allison, Jas., York St.
Atkinson, H., Winewall, near
Atkinson, John R., 45, Hagg St.
Barrett, P., Barnoldswick, nr. (Joiner)
Binns, [illegible]
Brown, Wm., [illegible] St.
[illegible]
Dyson Bros., [illegible] (Plumbers, &c.)
Hartley, Hy., Chapel St. (Plasterer)
Hartley, Jas., Spring Lane (Plasterer)
Hartley, Jas. D., Keighley Rd. (Plasterer)
Hawley, J. & M., Brown St.
Hey, J. & J., Albert Rd. (Painters)
Higgin, M., Vivary Bridge
Horsfield & Jackson, Keighley Rd. (Joiners)
Howarth, M., Skipton Rd. (Plasterer)
Lancaster, J. & P., 45, Walton St.
Lane, John, River St.
[illegible], Jas., Grosvenor St., Keighley Rd. (Plasterer)
M[illegible], Jas., Elm St.
[illegible], Thos., Charles St.
[illegible]rdson, Robt., Charles St.
Riddiough, J., & Co., Derby St. (Joiners)
Ridehalgh, R., Burnley Rd. (Joiner)
Robinson, Peter, Foulridge, near
Rushworth, John, jun., Crown Bldgs. (Plumber, &c.)
Smith, E., Moseley St., Barnoldswick, near
Starworth, Wm., Primet Bridge (Slater)
Tolley, H., Cragg St. (Joiner)
Townson, Walter, 10, Grosvenor St.
Varley, W., & Sons, Market St. (Plumbers, &c.)
Watson, Isaiah, Cloth Hall Saw Mills (and Joiner)
Wiseman, J., Derby St. (Joiner)

CROSBY, Great, near Liverpool

Gleaves, William, Endbutt Lane (and Bricklayer)
Lunt, P., Liverpool Rd. (and Joiner)

CROSTON, Preston.

Critchley, Peter, Grape Lane
Rigbye, Jas., Station Rd.
Smith, Thomas, Station Rd.

DALTON-IN-FURNESS.

Burrows, Isaac, Market St.
Garden, Jas.
Martin, [illegible]
[illegible], R., Station Rd.

DARWEN

Battersby, R., Redearth Rd. (Painter and Plasterer)
Bentley, William, Gillibrand St. (Plasterer, [illegible])
[illegible]
[illegible]
Cook, W. [illegible] (Plumber and Glazier)
[illegible] & Wrighton, Green St. (Plumbers)
Dugdale, R., Lower Darwen (Slater)
[illegible], T. D., Duckworth St. (Slater)
[illegible], W., Marsh House La. (Slater)
Entwistle, R., 209, Duckworth St. (Plumber and Glazier)
[illegible], J., Blackburn Rd. (Plumber and Glazier)
Harwood, S., Hindle St. Saw Mills (Mason and Joiner)
Hutchinson, W., Cavendish St.
Isherwood, E., Astley St. (Plasterer and Painter)
Jackson, R., St. John's St. (Plasterer and Painter)
Jepson, H. C., Commercial Bldgs., Bolton Rd. (Plumber and Glazier)
Johnstone, T., Hollins Grove (Mason and Joiner)
Knowles, J., & W., 28, Bolton Rd. (Plumbers)
Knowles, J., Foundry St. (Plumber and Glazier)
Knowles, John, [illegible], Bolton Rd. (Mason, Joiner, &c.)
Lomax, R. T., Nancy St. (Painter & [illegible])
Lloyd & Millward, Blackburn Rd. Saw Mills (Masons and Joiners)
[illegible]rkinson, Bros., Sudell Rd. (Painters and Plasterers)
Pilkington, J., Sunnybank Saw Mills (Mason and Joiner)
Richardson & Ethridge, London Ter.
Sharples, W., Bolton Rd. (Mason)
Shorrock, R., Union St. Saw Mills (Mason and Joiner)
Walsh, A., Anyon St.
Whalley & Walmsley, Holme Mill (Masons and Joiners)
Wilson, T. P., & Son, Branch Rd., Lower Darwen (Mason & Joiner)
Worthington & Broughton, Edmund St.
Wrighton, E., Green St. (Plumber and Glazier)

DENTON

Clayton, J., Denton Saw Mills, Manchester Rd.
Storr, T., Manchester Rd.

DITTON, near Widnes

Mercer, J.

EARLESTOWN

Beatty, Wm., Wargrave Rd.
Bunting, E., Wargrave Rd.
Corlett, Benjm., King St.
Fitzgerald, Bros., Haydock St.

EASTWOOD, near Todmorden

Halstead Bros.

ECCLES, near Manchester

Irlam, J. (Bricklayer)
Moore, Thomas, & Sons, Monton Rd.
Moore, Wm., 45, Mayfield Rd.
Ward, William, Monton Rd.

ECCLESTON, Chorley

Hayes, Thos.

EDENFIELD

Pilling & Halliwell
Wolstenholme, J. & H.

FAILSWORTH, Manchester

Taylor, Thos., 19, Wrigley Head

FARNWORTH

Berry, S. & T., Market St. (Painters)
Brooks, J., 21, Blackhorse St. (Plumber)
Bullough, E., Albert Rd. (Plumber)
Coope, Bros., Bank St. (Carpenters)
Entwisle, R. S., Park St. (& Mason)
Entwisle, J. B. & J., Manchester Rd. (Carpenters)
[illegible]
[illegible], Bridgwater (Carpenter)
[illegible], Albert Rd. (Painter, [illegible])
Steventon, W., Market St. (Plumber)
Watson, J., Frederick St. (Contractor)
Wiggins, J., Brackley St. (Painter)
Wright, [illegible], Peel St. (Painter)

FLEETWOOD

Cox & Gregg, Styan St.
Drummond Bros., Preston St.
Jones, R., Kemp St.
Kirkbride, J., 18, Dock St.
Latham, John, North Albion St.
Preston, Jos., Adelaide St. (Plumber)
Riley, Thomas, North Lancashire Saw Mills
Roskell, W., Blackston St.
Swarbrick, E., Kemp St.
Westby, T., Kemp St.

FLIXTON, Manchester

Williams & Whittaker

FORMBY

Dean, Bros., Gores Lane
Gilmour, T., Cross House
Taylor, Jas., Ryeground Lane
Thomas, Saml., Gores Lane
Ward, J., Chapel Lane
Whitehead, R., Chapel Lane

GARSTANG

Barton, Robt., Bridge St.
[illegible]olinson, J., & Sons, Nateby Works
Greenhow, John, Market Pl.
Hall, Richard, Forton, near
Lang, Richard W., Bridge St. (Plumber)

GARSTON

Rawlinson, J., Wellington St. Saw Mills

[illegible]

Wakefield, J.

GRANGE[illegible]

[illegible]
Thompson, [illegible]
Thomas, [illegible]
[illegible]

GREAT HARWOOD

Ashworth, John, Blackburn Rd.
[illegible]
[illegible] Sons, Railway View

GREAT MARTON, near Blackpool

Smith, G., & Sons [illegible]

HASLINGDEN

Ashworth, E., Manchester Road (Plasterer and Painter)
Bridge, James, Church St. (Plasterer and Painter)
Camm, W., 280, Blackburn Rd. (Mason)
Collinge, T., Victoria St. (Mason)
Crook, John, Marsden Sq. (Joiner)
Green, J. T., Hargreaves Street (Plasterer and Painter)
Grindrod, John, Bury Rd. (Joiner)
Hargreaves, J. R., 12, Market Pl. (Plumber)
Holden, John, Coal Hey (Mason)
Hoyle, J. E., Pleasant St. (Plasterer and Painter)
Jenkinson, J., 11, Chapel St. (Plasterer and Painter)
Mead, J. M., Blackburn Road (Plasterer)
M[illegible], J., 1[illegible], Manchester Rd. (Joiner)
Nuttall, O., 20, Manchester Rd. [illegible]
Patterson & Malpas, Blackburn Rd. (Plumbers)
Pyle, G. S., Manchester Rd. (Plasterer)
Rothwell, J., 103, Crane Rd.
[illegible]
Tattersall, T., Manchester Rd. (Joiner)
Tomlinson, H., 28, [illegible] (Slater)
Tomlinson, J., 93, Manchester Rd. (Slater)
Tomlinson, J., Park St. (Mason)

HEATON NORRIS (Stockport)

Briggs, J., Old Rd.
Eadie, D., Canal Wharf
Gothard, Adam, Heaton Lane
Lane, Mark, Heaton Lane
Morton, Thos., & Sons, 172, Old Rd.
Mullaney, D., Heaton Lane
Richards, T., Wellington Road (Asphalter)
Taylor, Ed., Heaton Lane (Plumber)

HESKETH BANK, Preston

Alty, Hy.

HESKIN, Chorley

Wane, W.
Waring, Thos.

HEYWOOD

Barker, S., Pilsworth Rd.
Berry, J., Birch, S.O.
Blakeley, D., Gregge St.
Diggle, D., Bamford Rd.
Horrocks, G., William St. (and Joiner)
Kay, John, & Son, off Bury St.
Kershaw, J., Market St. (Plumber, &c.)
Twelves, John, Bradshaw St.

HIGHAM, near Burnley

Boothman, Wm. (Joiner)

Dootson, J., Sandy Lane
Wilds, W., & Son

HOOLEY HILL, Manchester

Pike, Z., 35, Paradise St.

HORWICH

[illegible]
Dougill, Wm., & Sons, Chorley New Rd.
[illegible], W. W., Vulcan Works
[illegible], Elias, Chorley New Rd.
M[illegible]son, Wm., [illegible], Hey Lane
[illegible]ank
[illegible]
[illegible], 128, Chorley New Rd.
[illegible], Chorley New Rd.

INCE

[illegible], Lower Ince
[illegible]

Lancashire—*continued.*

IRLAM, Manchester

Garner, Wm., Liverpool Rd
Johnson, S

LANCASTER

Acton, J., Chapel St. Joiner
Abbott, W., Co., 2, Brook St Plumbers
[illegible] Mason
[illegible] Market St
Cross, Thomas, & Sons, 35, King St. Slaters and Plasterers
[illegible]ton & Bellfield, King St. Painters
[illegible] Market St. Plumbers
Gillow & Co., North Rd. Decorators
Goad, J. A., Penny St. Plumber
[illegible] John, Bulk St. Joiner
Hall, R., & Son. Friar St. Slaters and Plasterers
Harrison & [illegible], Penny St [illegible]
Harrison, Wm., Moor Lan
Hartley, John, Moor Lane [illegible]

ESTABLISHED 1841.

JAMES HATCH & SONS,

QUEEN'S PLACE,

LANCASTER,

Joiners and Builders,

Ecclesiastical and General Carvers,

Licensed Valuers.

Every description of Church Work [illegible] pulpits, lecterns, altar-rails, altar-[illegible] chairs, litany desks [illegible] font covers, etc., carried out in various parts of the country, under the most eminent architects

List of works executed, with architects' references, forwarded on application

Holmes & Son, Stodday Contractors for Sewerage, &c
Huntingdon, W., Penny St. Joiner
Hutchinsall & Co., Church St Plumbers,
Johnson, J., Aldcliffe Lane Contractor for Sewerage, &c.
Johnson, J., [illegible] Mason
[illegible]
[illegible] Dalton Sq. Mason
[illegible] A., Lune St. Skerton Mason
[illegible] St. Slater and [illegible]
M[illegible] N. E., Sun St. Joiner
Mawson, Thos., George St. Mason
Meadowcroft, E., & Son, 18, Gt John St. Painters
[illegible]
[illegible] Gt John St [illegible]
Payne, G., Church St. Painter
Richardson, W., Germany St. Joiner
Riding, T., 81 Penny St. Plumber and Painter
Seward, A., & Co., Market St Plumbers, &c
Simpson, S. Church St. Plumber
Stoneham, H. W., Skerton Mason
Swainson, Jas., & Son, 14, Brock St Painters
Thompson, Ed., Gage St. Joiner
Thompson, Robt., Dalton Square Mason and Plasterer
Till, T., Common Garden St. Slater and Plasterer
Waites, Wm., Lindow Square Mason
Warbrick, H., King St. Painter
Warbrick, Wm. Nelson St. Mason
Webb, J., St. Nicholas St. Plumber
Wilkinson, W., St. Leonard Gate Mason
Wilson, R., [illegible] Row Joiner
Wilson, R. P., King St. Plumber
Wiper, J. R., King St. Plumber
Wright, R. S., & Sons, King St. Joiners

LEIGH

Baxendale & Son, 58, Chapel St Painters and Plumbers
Calland, T. J., Duke S[t]
Calland, Thos. [illegible]
Cowburn, J. [illegible] Railway Rd [illegible]
[illegible] Saw and Mortar Mills, Henrietta St
[illegible] Princes St. and Church St.
Hornicks, A., Plank Lan[e]
Makinson, J., Lord St
Pennington, W. H., Stock Platt House, Plumber and Painter
Wright, J. H., Union St. & Lord St

LEYLAND, Preston

Simpson, Wm., Church Te[r]
Tomlinson, Th[illegible], Church Ter

[illegible]

England, James, Victoria St. Joiner
Hudson, R. Plumber
Mills, John Plumber
Poole, J. Bricksetter
Preston & Dryland [illegible]
Taylor, E., & Co. [illegible] Saw Mills & Joiners,

LIVERPOOL

Beecham, G. C., 81, Paradise St
Bowman, D., 18, Norfolk St
Bridge, Thos., Junr., Oldham St
Bromley, J., & Son, 1[illegible], Cornwallis St
Brown [illegible]
Burns, Ed., 31, 33, Little Woolton St.
Burt, C., 58A, Wellington Rd. (and M[illegible])
C[illegible] & J., 9, Shaw St. (Plumbers & Painters
Clark, W. H., 50, Lansdale St.
Cooper, J. R., & Sons, 87, London Rd Heating Engineers
Cox, R. M., Junr., 73, Oxford St
Crye, D., & Co., 4, Johnson St.
Dale Geo., Sandfield Rd. Gat[illegible]
Dilworth, I., 1, Childwall Rd., Waver[tree]
[illegible] Windsor Iron Works
[illegible] J., & Son, 44 and 46, Collingwood St. & Joiners,
[E]aton & Balfield, 1, Victoria Rd., Tue Brook
[illegible]
Gabbott, [illegible]
[illegible] Plasterers
[illegible] B., & Co., 34, Pilgrim St
Griffiths, A., 4, Beaumont St. Plumber
Gray & Hunter, Tempest Hey, Iron-Founders
Haigh & Co., 13, Fraser St.
Hall, W., Christian St
[illegible] Brunswick Rd [illegible]
Hanson & Pilling [illegible]
Henshaw, Jos[illegible] & S[illegible] Latham St.
[illegible] 14, Cazneau St
H[illegible] Thomas, Church Rd. Woolton
H[illegible]me & Green, 40, Benson St.
Holmes, James, 4, H[illegible] Rd., Seaforth
Hooker & Capstick, 15, St. Vincent St
Hughes & Stirling, 6, Stanley St
[illegible]
[illegible] Slaters & [illegible]
Jones [illegible]
[illegible]
Jones T. [illegible]
[illegible]
[illegible] 11, Roswell St
Lawton, Thos., Woolton Plumber
Lewis, J., 75, Arundel Av
Lockman, W., 62, Broad Green R[d], Broad Green, near
McClure & Brunner, Falkner St
McFall, John, Brunsfield [illegible]
Metcalf, J. H., 32, Ormond St
Maddock, Thos., & Son, 62, Roscoe St

M[illegible] Richard, 70 and 72, Miles St.
M[illegible] W., & Co., 87, Tithebarn St
Merrick, W., 18, Benson St. Plumber
Morgan, Evan, 189, Edge Lane
Morrison & Sons, 1, Pearson St., Wavertree, near
Morton, G. H., & Son, 79, Bold St Decorators, &c.,
Myles, R., 30 and 32, Bridport St.
Naylor, C., 28, Neptune St.
Nettle, T. E., 19, Lutton [illegible] Walton Rd
Nicholson, John, Combermere St.
Oliver, J., Woolton Village, near

J. PATERSON & SON,

Joiners, Builders, and General Contractors,

60, SOHO ST., LIVERPOOL.

Works executed include—

House and Stables, Bidston, Cheshire, £7,000; J. N. Crofts, Esq., Archt., Liverpool.
Church, Wrightington, near Wigan £7,000 Messrs Sinnott Sinnott & Powell, Archts.
Gas Meter Testing Offices, Liverpool, for the Corporation, £4,400.
Additions to Convent, Rock Ferry, £4,000. E. Kirby, Esq., Archt
New Lending Library, Everton, for the Corporation, £10,400.
House and Stables Noctorum, Cheshire, E. Kirby, Esq., Archt

Powell John, 18A, Renshaw St Plumber and Painter
Raith & Campbell, 25, Shaw St
Readdie, J., 5, Cambridge St.
Rimmer, J. & E., Sandfield Rd [illegible]
Roberts & Robinson, Ld., Bevington Bush
Rowlands & Thomas, 61, Brownlow H[ill]
[illegible] V. & Co., 21, Slater St. Stained Glass
Sanders, J., 10, Helena St. Mason
Spencer, T. Bull Bridge [illegible]
Stubbs, J., & Co., 266, Crown St. Marble Masons
[T]anner, J., & Son, [illegible] St. Slaters and Plasterers
Taylor, J., 37, Cavendish St.
Thomas, H., 15, Cheapside Plumber &[c]
[illegible] W., & Sons, 33, Wellington R[d]
Tomkinson, W., & Sons, 21, Dansie St. Brownlow Hill
Tomkinson & Co., [illegible] Roscommon St
Tyson, W., Leven St.
Wannop & Son, 65, Renshaw St.
Ward, W., 104, Selbourne St
W[illegible] R., & Son, West Derby Village
Whitby, W., & Son, 20 & 22, The [illegible], Peel St. [illegible]
[illegible]
[illegible]
[illegible]
[illegible]

[illegible]

[illegible] 101, Patt St. Ma[son]
[illegible] Chapel H[illegible]
[illegible] Lower Lan[e]

[illegible]TON, Preston

Wade, John, Chapel Lane Joiner

LOSTOCK, Bolton

Dootson, Wm., & Sons, Chew Moor

LYTHAM

Allinson & Atkinson, 2, South Clifton St. Slaters
Challoner, C., 13, Queen St. Plumber and Decorator)
Forshaw, & Sons, North Clifton St. (Plasterers,
Miller & Sons, Henry St. (Carpenters and Joiners
Mogridge, H., Clifton St. Bricklayer)
Myers, G., 23, Wharton St. Bricklayer,
Myerscough, J. E., & B., 16, North Clift[on] S[t.] [illegible]
Rowson, F. G., 70, Clifton St. Plumber and Painter
Scott, M., North Clifton St. and Joiner
Stoddart, J., Warton St. (Mason)
Westhead, Westby St. (Plumber,

MANCHESTER

Armstrong, F., Broughton Lane
Ashcroft, W. H., Wood St., Deansgate (Plumber and Glazier)
Ashmore, [illegible], Winshull St
Bailey, W., 76, Wilmslow Road, Withington, and 47, Spring Gardens, (Sanitary Engineer and Plumber)
Barrow, [illegible] St. Ann's St. Slater
Bellhouse, J. & W., Whitworth St.
Benson & Sons, Bloom St., Salford
Berry, Walter, & Sons, 62, Downing St. Plumbers
Birch, J., St. John St., Deansgate
Bird, R. W., Grey Mare Lane, Bradford
Bladon, –, Webster St., Greenheys
Bland, John, 15, Jacksons Row (and Joiner
Brady, [illegible] Union St. Ardwick
Bradley, A., [illegible] 89, Broughton Lane
B[illegible], [illegible] Bristol St., Hulme
Brown, W. [illegible] & Son, Trafford Rd Salford

A. R. Bullivant & Sons,

BUILDERS & CONTRACTORS,

Moston Lane, Manchester.

WORKS EXECUTED INCLUDE—

St. Paul's Day and Sunday Schools, Ten Acres Lane, Newton Heath, Manchester Enlargement of Schools, Ashley Lane, Moston. 4 Shops and 14 Houses, Ash Street, and Rochdale Road. 5 Shops and Houses, and 7 large Dwelling Houses, and other blocks of property on Rochdale Road, and neighbourhood of Moston, Blackly, Newton Heath, Hulme, etc. Extension of Margarine Works, Godley Several Extensive Alterations to Warehouses, Offices, etc. 5 New Shops, Queen's Park. About 900 Dwelling Houses in Manchester and Suburbs, now on hand New Schools and Mission Room, Barlow Lane, Levenshulme. Semi-detached [illegible] Prestwich New United Methodist Free Church [illegible]

Burgess & Galt, 14, Upton St., Ardwick Joiners)
Cain, J. & P., King St. Stretford
[illegible] St. Ardwick
Chorlton, —, Robert St., Oxford Rd.
Clay, G., 8, Booth St., Piccadilly
Cleworth & Robinson, Edmund St., Langworthy Rd., Pendleton Bricklayers
Cooper, J. R., & Sons
Cordingley & Stopford, Royd St., [S]tockport Rd
Cosgrove & Aspe[illegible] Cromwell Bridge, Broughton
Crosby, Wm., 39 & 41, Canning St., Hulme
Daniels, J., & Sons, Cheltenham St., Pendleton Joiners,

Lancashire—*continued.*

Dollin, W , Sidney St., Oxford St.
[illegible]mbleton, J , & Sons, 58, Oxford St (Chorlton on Medlock Painters)
Emery, T , & Sons, 7, Charles St.
Ferguson, J., & Co , 55, Lower Mosley St., Plasterers & Painters
[illegible], G , Bishop St , Brook's Bar [illegible]
[illegible]rar , J , & Son, Swinton
Gibbon, Wm , & Son, 21, Drake St., Stretford Rd Plumbers
[illegible] Grove, East Longsight
Gornall & Booth, Derby St , Cheetham, Excavators & Bricksetters
Hale, W , 25, Howard St., Eccles New Rd , Salford Painter)
Harrison, Ballantyne, & Co., 4, [illegible] &c
Harrop, T., 9, Wood St , Ashton Old Rd., Openshaw
Harwood, J J., Strangeways (Plasterer, &c.,
Haynes, F. & E., Denmark Rd., Moss Side
Hazeldine T , Hulme Joiner
Heaney, W , Exors. of, Hume St Salford (Excavators and Bricklayers)
H[illegible]worth, R , 59, Faulkner St. Plumber and Glazier
Hibbert, John, Fernleaf St., Moss Side
Hill & Heys, Blossom St , Oxford Rd
Hodkinson, P , Chapman St., Hulme
Holt, W , Elizabeth St , Cheetham
Hoyland, B., Grey Mare Lane, Bradford)
Huddleston & Wilson, Hardman St., Deansgate
Hughes, Robt., 10f, George St., Moss Side Slater and Tiler
[illegible] Smith St., Cornbrook
H[illegible]rrell, Daniel, Oldham Rd
Hyslop, Shakespeare St., Ardwick
Jackson, E & C , Old Lane, Higher Openshaw
Jaffrey, J., & Co., 27, Booth St., Moseley St. Plumbers, &c.,
Kendall, J B , Dyche St., Rochdale Rd (Stonemason,
Kenworthy, J. P., Green St., Ardwick Decorator, &c
Kirkley, J., Hampton St., Oldfield Rd., Salford (Plumber and Contractor
Knight, J. J , Bolton St., Salford
Lambert, Chas R. R , Dutton St Cheetham and Joiner)
Lawton, J , St. Silas St., Ardwick
Leavesuch, W , 51, Stanley St., Cheetham
Lightfoot & Co., 15A, Cooper St (Plumbers, &c
Lister, McCartney & Lister, 191, Cheetham Hill Rd
Lomas & Co , 169, Great Ducie St., Strangeways
Lord & Holland, Fenney Street, Broughton Bricklayer
Macfarlane, G , New York St , Chorlton-on-Medlock
McFarlane, Jas , Holland St , Butler St
McGee, Edward, 425, Oldham Rd
Matthews, H Darley St., Hyde Rd , Ardwick Joiner
Mawdsley, T , 109, Granby Row Princess St
Megarity, S., & Co., Harris Street, Strangeways and Joiners
Metcalf, Thos , Thompson St., Oldham Rd
Mitchell, Henry, 11, Moss Lane West Plumber
M[illegible]rton, B[illegible], Quay St.
Noll, R , & Sons, Broughton Lane [illegible]
[illegible] Medlock Excavator [illegible]
Oakey, S , & S[illegible] 19, Burlington St., Greenheys [illegible]mber
Oofen, Wm., Market Place Plumber
Patterson, J , & Son, 60, Soho St. Plumbers,
Patteson, J & H., 36, Oxford St., Stonemasons
Peace & Norquoy, 70, Port St., Piccadilly

Pearson & Brown, 70, Ellor St., Church St., Pendleton
Phoenix Fireproof Flooring Co. Oxford St.
Ramsbottom J., Church St., Pendleton Joiner)
Roberts, Evan, & Son, 288, Upper Brook St. Bricklayers,
Robinson, J , 40, Ardwick Green
Scott, T., Atherton St., Quay St.
Sharratt, A. V., Lower Mosley St Joiners,
[illegible]
S[illegible]aw T , Longsight
Shaw, W., Fern Leaf St , Greenheys
Sidebottom, J. F., Adlands Lane, Levenshulme
Sidebottom, J N , Stockport Rd , Levenshulme
Smith, F S., 357, Stretford Rd Painter)
Smith & Goodwin, 91, Clowes St., Lower Broughton
Smith & Thompson, 2, Brook St., Chorlton-on-Medlock and Joiners)
Southern, W., & Sons, Bank Parade, Salford
Statham & Whitby, 3, Broad St., Pendleton
Tanner, J , & Son Gill St.
Thomas, J , 155, Moss Lane East
Thomas, T H , 121, Gt. Ancoats St
Thorpe, W , Chester Rd., Cornbrook
Torrance Bros., 59, Grafton St., Chorlton-on Medlock
Wallworth, C., Gorton Saw Mills, Hyde Rd., Gorton
Warburton, S., Lord St., and Clifton St., Miles Platting
Whiten, R., Barnes Green, near
Williams, Frank, Grosvenor St, [illegible]
[illegible]
W[illegible] & [illegible] Avenue, Ardwick
Wilson, J., Sussex St., Regent Rd , Salford
Wood & Haddleston, 63, Hardman St., Deansgate and Joiners)
Wood, E , & Son, Gordon St., Lower Broughton
Wootton, W , Exors. of, 6, Barton St., Moss Side
Worley, P , 2A, West George St., Windsor Bridge
Worthington & Pownall, 59A, Rusholme Rd
Young Tinkner & Young, Knowsley St., Cheetham

MAWDESLEY, Ormskirk

Marsd[illegible]n Thos

MIDDLETON

Dean, J , 31, Market Pl Plumber
Dempsey, J. T., Suffield St. (and Joiner)
Grundy, Sons, & Co.
Jackson, T , & Sons, 110, Manchester Old Rd
Mellalieu, J R , Union St
Mellor, J , Townley St., Tonge [illegible]
Ogden & Holland, Jubilee Rd.
Partington, E , & Sons, The Lodge
[illegible]olitt, W , Barton St
Robertson, J R., Manchester Old Rd
Simpson, James, Oldham Rd., Tonge

MOSSLEY

Batley, G H , Bottom's Wharf
Pickford, J , George St.
Robinson, [illegible] Upper Mossley
Robinson, [illegible] Upper Mossley

NELSON

Boothman, Wm , Spring Bank and [illegible]
Bottomley, B , 26, Garden St Mason
Brooks, E , & Co., Leeds Rd [illegible]
Butler, E., Barrowford Plasterer
[illegible] & W , Barkerhouse Rd Masons
[illegible] & Sons, 51, Hibson Rd [illegible]
Dale, J J , Russell St. Plumber
Duerden & Downham, Seedon St (and Joiners

Duerden, Jas., McLeod St. (and Joiner)
Hargreaves, J , 40, Railway St. Plumber and Glazier)
Hartley, John, Manchester Rd Plasterer)
Hawley, M., 113, Netherfield Rd. Mason
Holden & Blackburn, Chapel St. and Joiners)
Nutter, H , Manchester Rd Painter
Pollard, George, Garden St. Saw Mills and Joiners
Robinson, A., Scotland Rd Mason
Scott, Thomas., Commercial Rd Plasterer
Sharp & Bullock, 1, East St.
Smith, John, Every St. and Joiner
Swinglehurst, J , & J W., 78, Manchester Rd Plumbers
Walton, Alfd., Raglan St. (and Joiner

NEWCHURCH, Rossendale

Ashworth, J., Whitewell Bottom

NEWTON LE-WILLOWS

Scott, T., Market St.
Whitfield, Robert, St. Helen's Rd.

OLDHAM

Ashton, S , & Sons, Cheapside (and Masons
Bates, S., & Sons, Marsland St. [illegible]
Bebbington, Thomas, Taurus St
Bewley, J., Grantham St. (Bricksetter
Blunn, J. & D , Villa Rd., Ashton Rd and Bricklayers
Brown, H , Bourne St Hollinswood, near Joiner)
Buckley, B , Clegg St. Station Slater
[illegible]
Butterworth & Son, 32, High St , Lees Plumbers)
Chadwick, R., Henshaw Street Plumber
Davenport, J , Bank Side St. Smith
Dodd, William, Featherstall Rd Saw Mills Joiner
Dunkerley, S , Featherstall Rd and Mason
Edmondson, R , Union St. Painter
Freeman, Geo., & Sons, Hollinwood, near (Masons and Excavators
Haines, James, Regent St. (Bricklayer, Slater, &c.
Haines, Thos , 57, Spencer St. [illegible]
Hall J 103, Henshaw St. (Plasterer
Halliwell, H , Hollinwood (Joiner)
Hand, W , Waterloo St. Painter
Harker Bros., Chester St., Werneth Plumbers,
Heywood, J , Union St. Painter,
Horrobin Bros., Hollinwood (Plumbers,
Jackson, John, Greenwood Street Joiner,
Kelly, F , Union St., West (Plasterer
Lodge, W., Bardsley Plasterer)
Mackay, A , Rock St Mason
Mallalieu & Milne, Hartley St. (and Joiners
Ogden Bros., 35, Middleton Rd , W Bricksetters
Partington, J. & T , 6 and 8, Victoria St , Middleton Rd Bricksetters
Rothwell, D , Cardinal St Plasterer
Schofield, C., & Co., Lee Rd and Joiners
Shaw, Giles 72 Manchester St. Heating and Ventilating Engineers
Smethurst, S , Crossbank St Mason
Smethurst, S. & J , Rochdale Rd
Smith, Booth, Fielding St Joiner
Spencer, J , & Bros , Prince Albert St Excavators, &c
Spencer, W F , Crossbank Works Heating and Ventilating Engineer
Stephenson, E , Union St., West (and Bricksetter
Varley, J. C., Bagnall St
Whitehead, S & J , Swan Yard, Huddersfield Rd and Masons
Whittaker, E Rochdale Rd and Joiner
Whittaker, W., Robin Hill Works
Wilde, Z., 129, Cambridge St Slater

Winterbottom, J., Cheapside (Plumber)
Wrigley Bros., Chamber Rd.

ORMSKIRK

Chiswall & Constantine, Wigan Rd
Fyles, W , Wigan Rd.
Pilkington, James, Burscough St
Riding, T , & Son, Steam Saw Mills, Chapel St. and Joiners)
Riding, W., 32, Burscough St.
Whittle, J , Moor St.

[illegible]

Adams, George, Rhyddings St.
Bury, W. H , 8, White Ash Lane

PADIHAM.

Bertwistle, J., (& Joiner
Foster, W , & Sons, 24, Station Rd

PATRICROFT

Brooks, N , & Son, Liverpool Rd
Clapham & Hollingworth, Green Lane
Roper, J., Canal Bank

PEMBERTON

Ashurst & Calderbank, 25, Tunstall Lane, Halfway House
Bywater, A., Pemberton Saw Mills
France & Smith, Albert St., Newtown

PENWORTHAM, Preston.

Stickland, Thos , Back Lane

PRESTON

Arrowsmith, G., Ormskirk Rd Plasterer and Tiler)
Baldwin, J S , 110, Park Rd
Beesley, H., 3, Havelock Terrace, Garstang Rd
Billsborough & Sons, Lune Street (Plumbers
Bradshaw, J R., & Son, 18, St. Paul's Rd Slaters
Brierley, R., 27, Flyde St. (Plumber,
Brown, Robert, & Son, Moor Hall Joiners)
Calderbank, Joseph, Crooked Lane
Carter Bros , Chester Rd
Cartmell, J , Albion Works, Church St. and Park Row
[illegible] St Plasterers
[illegible] St Plumber
[illegible] St. Bricklayer and Mason
Clarkson, W., Holstein St., (Slater)
Colley, T & R., 3, North View Ter , St. Thomas' Rd
Cooke, W , & Son, 26, Stanleyfield Rd Plasterers
Cookson, J., 62, Fishergate Plumber and Painter
Cottam, Thos., Fylde Rd
Croft, T., & Sons, Green Bank Stone Yard, Victoria St. Bricklayer
Cwasdale, R., & Son, Glovers Court Plumbers
Dewhurst, John, Fylde Rd
Dewhurst, Robert, Tulketh Brow, Ashton Joiner)
Dilworth, Wm., Churnley St. (Heating and Ventilating)
Fazakerley, N., Tulketh Brow, Ashton
Gregson, John, Ellen St. Joiner
Heathcote, R., 61, Avenham Lane Joiner
Hill, G , Cannon St.
Hothersall, W , Chapel Walks Saw Mills Jo[illegible]
Hull, J Green Bank Yard, Brook St. Joiner
Kellett, T H., Fishergate Hill Plumber
Lee, R , Anchor Court, Fishergate [illegible]
Lingert, R , 5, Muncaster Rd.
Livesey, T N , Waterloo Rd., Ashton
Lucas, Geo , Platt's Court, Fishergate Joiner)
Lund, Jos., Walker St. Plasterer)
McKerney Hugh, Hartingdon Rd. (Bricksetter

Lancashire—*continued.*

Marsden, J. N., 187, Lancaster Rd [illegible]
Midghall, R., Cooper Rd., Marsh Lane (Joiner)
Moxham, John, 10, Brackenbury St. [illegible]
Nickson, T., [illegible], St Paul's Rd Slater
Park, R., & Sons, 2, Fox Street Plumbers
Robinson, Jos., Moor Lane (Slater)
Salthouse, W., 21, Church St [illegible]
Shorrock, M., 31, Elmsley St. Bricklayer,
Swarbrick, Jas., Waterloo Rd Ashton
Tullis, D., & Sons, St Paul's Rd., North (Stonemasons
Tullis, James, Stoney Gate, Church St
Walker, C., Arthur St., Bow Lane (Joiner)
Walmsley, J., Theatre St.
Walmsley & Co., 82, Fishergate (Plumbers)
Whiteside, W., Old Vicarage Saw Mill and Joiner)
Wilding, S. B., & Sons, Lune St. Plumbers
Warwick, Jas., Garstang Rd.

PRESTWICH

[illegible] G., & J., Rainsough
[illegible] John, & Sons, Warwick St

RADCLIFFE

Allen, John, Railway St. (and Joiner
Ashton, S., Spring Lane Slater,
Brierley, W., Church St Plumber
Burton, J., Bolton Rd Mason
Collier & Smith, Church St (Joiners
Evans, T., St. John's Crescent (Decorator
[illegible]
[illegible]
[illegible] W., Stand Lane [illegible]
[illegible] Blackburn St [illegible]
Lawrenson, T. New Rd Bricklayer
Lomas & Scholes, Knowles St. (Decorators
Makin & Sandiford, Stand Lane Bricklayers
Nuttall & Co., 127, Bolton Rd. Joiners)
[illegible]shaw, G., Parsonage St. Mason
[illegible] C. W., 137, Stand Lane (Decorator
[illegible], J., James St. (Slater)
Turner, J., Church St. (Mason,

RAINFORD

Pilkington, James, Mill Lane

RAINHILL

The Rainhill Redstone Quarry Co.

RAMSBOTTOM

Foster, T. & J., Derby St
Haworth, J. H., Irwell Saw Mill, Kenyon St.
Nuttall, E., Holt St. West
Nuttall, R., & Son, Hazlehurst Saw Mill, Bolton Rd West
Platt & Castle, Stubbin's Lane
Shuttleworth, D., Holt St. W[illegible] and Joiner)

[illegible]

Hobson, S., Holmfield Stone Yard
Moore, Bros., Burnley Rd

RHODES, Manchester

Thorp, W. & H., Manchester Old Rd
Walker, H., Broadman Lane

ROCHDALE

Ashworth & Woolfenden, Moss St and Joiners
[illegible]
[illegible] & J., off Whitworth Rd
[illegible] F., Sheriff St
[illegible]
Greenwood, Wm., W[illegible] Saw Mills
Hargreaves, Thomas, Milnrow Rd
Kay, R., Captrod

Nicholl, J., & Son, 18, Henry St.
[illegible] J., & Son, Molesworth St. [illegible]
[illegible], & Sons, Townhead [illegible]
Preston & Dryland, Smithy Bridge
Robinson, R. & Son, Lower Sheriff St.
Simpson, H., 51, Ashworth St.
Taylor [illegible]
Wilkinson, T., Walker St.

[illegible], Oldham

[illegible]
[illegible] & S[illegible], Fleet St. Joiner
Whittaker, J., Shepherd St. Joiner
Whittaker, J., Shepherd St. (Bricksetter)

SAINT ANNES-ON-THE-SEA.

Bromley & Ryding, Nelson Rd.
Cookson, Wm., Headroomgate Rd Bricksetter
Crabtree, John, Church Rd
England, S., Wood St. Joiner)
[illegible]
Heap, J., & Son, St. Andrew's Rd., South Joiners)
Leach, D., St. Andrew's Rd., South Painter
[illegible]
[illegible]
[illegible] Decorator
Rawstorn, C., & Sons, St. Andrew's Rd., South Joiners
Read, W., St. Andrew's Rd., South Plumber)
Sheppard, W., & Sons, Park Rd. Joiners,
Walmsley, Edwd., St. Andrew's Rd. North Joiner
Warbrick, R., Wood St. (Plumber and Glazier)
Whiteside, John, St. Albans Rd Joiner
Williams, H., St. Andrew's Rd., South Bricksetter
Woodcock, W., Park Rd
Woodcock, T., Plumber

SAINT HELENS

Almond, J., 48, North Rd
Beckett, Samuel, Tontine St
Brown, Fred., Trave[illegible] St
Clarke, Frank, Corporation St
Davies, R. H., Boundary Rd
Dodson, Richard, North Rd
Fisher, James, Olive Mount, Sutton
Latham, James, Parr St.
Molyneux, Wm., 24, Ashcroft St.
Powell & Mullock, Waterloo St.
Roberts, Joseph, Volunteer St.
Rotherham, T., 58, Boundary Rd

John Rothwell & Sons,

BUILDERS & CONTRACTORS,

Knowsley Rd., St. Helens,

LANCASHIRE

Works executed include—

New Town Hall at Widnes, Messrs. G. & F. Holme, Archts., Liverpool. Church Extensions, under Messrs. Aldridge & Deacons, Archts., Liverpool. Brewery Extension [illegible] Messrs. Inskipp & M[illegible], Archts., London. H[illegible], Messrs. D. Howarth & Sons, Archts., Liverpool. Hotel at Prescot, T. Turpin, Esq., Archt., Liverpool. Villas and College, H. V. Krolow, Esq., Archt., Liverpool. Extensions to Rainhill Asylum, Messrs. Grayson & Ould, Archts., Liverpool, and others.

Shaw, Hugh, Junction Rd Sutton
[illegible]
[illegible]
W[illegible]zborn & Son [illegible]
Whittaker & Woods, Shaw St
Yearsley, T. & J., Cotham St

SALFORD, see Manchester

S[illegible], see Liverpool

S[illegible], see Rochdale

[illegible]

Benson, J., 55, Upper Aughton Rd
Blanchard, J., & Sons, 1, Hawes Side St.
Boyd, J., & Son, 57, Chapel St Plumber, &c
Bridge, T., Junr., 40, Hampton Rd
Buck & Hodson, 82A, Shakespeare St (Bricklayers)
Cayton, T., & Son, 38, Kensington Rd., and Formby Rd., Birkdale Plumbers, &c.)
Chambers, J. L., 33, Brighton Rd Birkdale
Connard, Herbert, 125, Hampton Rd
Connard & Tellow, 58, Eastbank St Painters & Decorators

DUXFIELD BROS.,

CONTRACTORS,

VIRGINIA ST., SOUTHPORT

Works Executed include

Carpentry and Joiners' Work, Victoria Schools of Science and Art, for Southport Corporation £2,900 E. W. JOHNSON, Esq., Archt.

Do., Town Hall Extension, Southport, £4,585; HENRY JONES, Esq., Archt

Restoration and Reseating Christ Church, Southport, £1,000, G. S. PACKER, Esq., Architect

Church of SS. Simon and Jude, High Park, £4,200, SUTTON & MATEAR, Architects, Southport.

Extension of St Andrew's Higher Grade Schools, £815; J. F. DOYLE, Esq., Archt., Liverpool

Carpentry and Joiners' Work of Seven Shops and Boarding House, Scarisbrook Avenue, for Henry Hodge, Esq., £2,500 [illegible]

Mansion in Birkdale, for [illegible] Kilvert, Esq., C.C., £4,500, F. W. M[illegible]

B[illegible] Fitting, for Southport Centenary Exhibition, £930, MAXWELL & TUKE, Architects, M[illegible]

R C Church, High Park, £2,272, SINNOTT, SINNOTT & POWELL, Architects, Liverpool

New Banking Premises for [illegible] Bank and the Alliance Bank [illegible] £12,000, WM. OWEN [illegible]

Works in progress—

Alterations and Additions to "Belle Vue," Lord Street, West for Sir Geo. A. Pilkington, SYDNEY INGHAM, Esq., Architect, upwards of £4,600

Private Chapel, Merton Bank, for [illegible] Pyke, Esq., Messrs PUGIN & PUGIN, Architects

Fittings and Fencing in New Athletic Grounds, including Grand Stand, Competitors' Dressing Rooms, Pay Boxes, &c., for Southport Athletic Society £2,500, E. W. JOHNSON, Esq., [illegible]

F[illegible]brange & Hatch, Aughton Rd Birkdale
[illegible]nton, J., 85, Linaker St
[illegible]ster, Wm. H., 41, Shakespeare St
Gale, J. T., 33, Seabank Rd. [illegible]ber, &c.
[illegible], 5A, Upper Aughton Rd
[illegible], J., 2, Hesketh St.
Halliwell, T. & G., 22, Hart St Masons
Halsall, Chas., 3A, King St., Stonemason
Halsall, J., 70A, Eastbourne Rd Birkdale Stonemason

Heyes & Lunt, 37, [illegible] St Plumbers and Decorators
Highton, John, Cambridge Road (Bricklayer
Horrocks, J., 10, Union St. (Plumber
Hutchinson, Francis, 22, Wesley St and Joiner
Johnson & Clegg, Shakespeare St. Stonemasons
McWhan, J., East Bank St.
Morris, P. R., 74A, Kensington Rd

J. M. & J. PETRIE,

Builders and Contractors,

SAWING & MOULDING,

SCHOOL STREET SAW MILLS,

SOUTHPORT.

Works Executed Include—

Carpenter's and Joiner's work of Five Shops and dwellings in Chapel St. for H. Mawdsley, Esq., E. W. Johnson, Esq., Archt. Do. of Congregational Church, Hawkshead St. Messrs. Wm. Waddington & Son, Archts., Burnley and Manchester. Do. [illegible] Institute, [illegible] G. S. Packer, Esq., Archt. Do. of Six Shops and Dwellings, Lord St. for Misses [illegible] E. W. Johnson, Esq., Archt. Residence for H. Murphy, Esq., B.A., Preston Rd., Southport, Wm. Verity, Esq., Archt., Wigan. St. John's Church Schools, Ainsdale, Messrs. Goodison, Atkinson, & Forde, Archts., Liverpool. ***Works in Progress*** [illegible] Workshops, and Warehouse for the [illegible] Estate of the Southport Corporation, C. S. Ingham, Esq., Architect. Do. do. of Residence in Cambridge Rd., Southport, for Dr. Vernon, E. W. Johnson, Esq., Architect.

Porter, F., Sefton St. Bricksetter,
[illegible], Talketh St. (Mason,
Robinson, Junr., Upper Aughton Rd., Birkdale Slater
Robinson, W. [illegible], 109, Sefton St. Bricklayer)
Shaw, Nicholas, 14A, Zetland St
Southworth, Peter, 3 & 5, Ashley Rd (Plasterer
Vaughan Bros., Saw Mills, Kensington Rd
Wainwright, T., 125, Lord St Plumber and Decorator,
Watkinson, W. J., & Co., 9, Union St Plumbers and Decorators
[illegible]
[illegible]
Wilkinson, Wm., 141, Shakespeare St Carpenter
Wishart & Irving, Victoria Works, Hesketh St. and Joiner
Wright, W., 74, Tithbarn Rd. Slater,

STONECLOUGH, Manchester.

Oakes, J

ST[illegible]FORD

Ca[illegible]n, J. & P., King St.

SUMMERSEAT, Manchester

Lomax, Chas

SWINTON, near Manchester.

[illegible]
Matt[illegible] Cyclone Works

TODMORDEN

Bark, John [illegible] Mason
Barnes, [illegible], Wellington Rd Slater
Barnes, Stansfield, Byrom St. Slater
Blacka, Jas., Victoria Rd Plasterer
Blacka, T., Stansfield Rd. Plasterer
Crossley, A., Stansfield Rd. Joiner
Crossley, A., Rochdale Rd (Joiner
Greenwood, Thos., Lanbottom, near Joiner

Lancashire—*continued.*

Ingham, R H., Wellington Rd. Plumber
James, G H., Burnley Rd., [illegible] near Plumber
[illegible] White Hart Fold Plumber
[illegible] Woodlands Avenue Mason
[illegible]
[illegible], Cambridge St. Mason
[illegible] Dee St. Joiner
[illegible] St. Plumber
[illegible]

[illegible]

[illegible]rclough, T., Thicketford Rd.
Gibson & Hodgson, Tonge Moor Rd.
Gibson, G., Cecil St

TOTTINGTON

Byrom, J., Woolf Rd

TURTON, Bolton

Martin, Bros., Edgworth (Joiners)
Melling, Bros., Wellington Rd (Plasterers
Waddicot, W H., Darwen Rd. Stonemason

TYLDESLEY

Beck, Joseph, Saw Mills, Primrose St
Bentley, A
Chaloner, T[illegible]
Dampson, J., Elliot St
Hardman, R., Shutt[illegible]
Harrocks, D., Shackerley Rd

ULVERSTON

[illegible]lman, William, Hart St
Braithwaite, W., Princes St. (Plumber, &c.)
Barns, P., Oxford St. Plasterer
Clayton, J., New Market St. (Plumber, &c.)
Cookson, J., Fountain St. Joiner
Cooper, J., Back Lanes Joiner
Gelderd, J., & J., Queen St. (Plumbers, &c.)
[illegible]ee, W., Hartley St.
Harrison, J., Union St., Plumber, &c
Holmes, W., Cavendish St Joiner
Jarvis, I., Queen St. Joiner
[illegible]ners, T., Lightburn [illegible]
Toft, W., Brewery St. Joiner
Tyson, T F & Sons, Chapel, Walk
Vickers, John, Ainslie St
Waite, W., The Gl[illegible]

WALTON, Liverpool

[illegible]
[illegible]
[illegible]
McDermott, Jas., 25, Hale Rd

WARRINGTON

Appleton, J., 2, Oxford Avenue
Beckett & Co., Oxford St.
Collin, John, & Son, 12, Marson St.
Collin, R W., 12, Marson St
Davenport, C W., Stockton Heath, nr
Davies, Thos., 51A, Butter Market St
Dolan, J., Cockhedge Lane
Farrington & Livingston, Church St
Longshaw, John, Parker St.

Mountfield, [illegible] Dutton St
Norbury, John, Wilderspool Crossing
Rigby, Peter, Winwick St.
Shaw, W J., 89, Dallam Lane
T[illegible] W[illegible]am, Haydock St.
W[illegible]rton, Geo., 35, Froghall Lane
W[illegible]rton, J., 10, Cliff View, Stockton Heath, near
Wells, L., Foundry St.

WATERFOOT, Manchester

Coupe, William Mason

WATERLOO

Bailey, R., 18, Gt. George's Rd
Brockell, T., 34, Mount Pleasant
Rogers, W. R., 38, Corona Rd
Sawyer Jos., Warner Rd
Sawyer, R., 1, Gt. George's Rd

WAVERTREE, see Liverpool.

WESTHOUGHTON, Bolton

Bateson Bros., Bolton Rd Painters
Bullough, Peter, King St
[illegible], Church St. Painter,
[illegible]rley Rd
Dickerson, John, Church St
Dootson, Edwd Park Rd Joiner
Gerrard, P., & Son, C[illegible]
Gerrard, S., Cemetery St
Green, Edmund, Market St. Decorator
Greenhalgh, J., Bolton Rd
Gregory Chas., Church St. Plasterer
Kay, Thos Church St Plasterer,
Leigh, R., Church St. Painter
Watkinson, D., Church St. Monumental Mason
Wilson, Thos., Market St. (Plumber and Glazier

WHITEFIELD, Manchester

Jackson, John, & Sons, Livesey St.

WIDNES

Sadler, Thos., Widnes Rd Joiner &c
Sayce & Randle, Appleton Quarry

[illegible]

Ablett, [illegible] Rd Saw Mills
Blackburn & Laybond, [illegible] gates Plumbers
Darbishire & Collett, Darlington St., East
[illegible]ll, W., & Son, Millgate House [illegible]mbers
Gee, H L., Millgate
Holmes, C. B., Cross St Saw Mills
Johnson, J & Son, 9, Caroline St
Lea, J., & Son, Rodney St. Painters and Plumbers
Livesey & Park[illegible]son, Caroline St Plasterers
Manson, [illegible], Gidlow Lane Plasterer
Marsh, G., Mary Lane Saw Mills
Millington, A., King St.
Preston & Hirst, Church St. Saw Mills
Riley, J., Whelley
Sa[illegible]e, I., Wallgate
Sw[illegible]ohn, Seven Stars, Wallgate
[illegible]lor, J., 183, Darlington St., East
Wilson, J., & Son, Caroline St.
Winnard, W., 185, Wallgate

Leicestershire.

ANSTY, Leicester

[illegible]

[illegible]

Buck, T., Bath St
Fish, J., Wood St
Oreton & Sons, High St
Pike, G R., 2, Avenue Rd
Slate & Harrison, Overseal

BARROW-ON-SOAR

Ball, J T., Sileby Rd
Scurr, Jowett & Co.

BURB[illegible], Hinckley

[illegible]

[illegible], Leicester

Glover, Thos., & Son
Halford B & Sons

B[illegible]TTESFORD [illegible]

Oxlands, H & J

[illegible], Loughborough

Cooke, B., & Sons

BRUNTINGTHORPE.

Robinson, A

Leicestershire—*continued.*

[illegible]BR[illegible], Hinckley

Chamberlain, R.

COALVILLE

Berrisford, John, Chapel St.
Moss, W., Belvoir Rd

COSBY, Leicester.

Houghton Bros.

EARL SHILTON

Lane, A

EVINGTON, Leicester

Orton, E

FRISBY ON THE WREAKE

Frisby E
Posnett, E

[illegible]

Wade, W

GREAT GLEN

Haycock, Charles

HINCKLEY

[illegible] Castle St
[illegible]
[illegible]
[illegible]
Harrold, J & W[illegible]
Harrold, T & G., 48, Castle St
Jeffcote, Andrew, Brand St.
Jones, T., Charles St
Littler, W H Trinity Lane
Rowley, T., Derby Rd

HOSE, Melton Mowbray

Stokes, John R.

HUGGLESCOTE

Berrisford, E., Yeaveley House
Dean, S S
Smith Bros.

HUNGARTON

Broughton, Charles

HUSBANDS BOSWORTH

Wells, Robert

[illegible]

[illegible] W
[illegible] I. A
[illegible]
Savage, G
Withers, J & G.

KIBWORTH

Mason, T & W

KIRBY MUXLOE

Mason, G F

KNAPTOFT

Codwi[illegible]

KNIPTON, near Grantham

[illegible]g, W

KNOSSINGTON

Leuton, J
Lockwood, J

LEICESTER

Bailey J Ann St
Bass, C Trustees of the late, South Albion St
Bellamy, N B., Waterloo St.
Bentley, J., 6, Evington St.
Bentley, S. & E., West Leigh Rd
Bland, H., 27, Oxford St.
Bland, T., & Sons, Redcross St
Bowles, E & Son, Gladstone St.
Bradshaw Bros., 4, Andrew St.
Briers, S., Upper Brunswick St.
[illegible] W[illegible] Rd
[illegible]
Chapman, J., Frank St
Chambers, H T., & W., Belgrave Gate
Clark & Garrett, 11, Willow St
Clayton, J H., Loughborough Rd., [illegible]
Collins, Thos., 7 Rawson St
Cole, [illegible], 52, Sherrard Rd
Cooke, J R New Park St
[illegible] J., Maynard Rd
[illegible] G., & Son, Church Gate
[illegible]
[illegible]
[illegible]

[illegible]ox, E., Connaught St
Gardner, F., Loughborough Rd., Belgrave
Gimson, W., & Son, Welford Rd
Gurney, H., Tower St.
Haddon, W., Gladstone St.
Harson, W., Sparkenhoe St
Hallam, J I., Imperial Hotel, St. Saviour's Rd
Haslington & Elliott, Millstone Lane
Harris, T., 220, Clarendon Park Rd
Herbert, T. & H., Welford Rd
Hewitt, G., 48, St. Peter's Rd
Hill, J N., Belgrave Rd
Holmes, J Erskine St.
Holt, G., 18, St. Peter's Rd
Horspool, C., Belgrave Rd
Hutchinson, J., & Son, De Montfort St
Jewsbury [illegible] O., 188, London Rd
[illegible] E., 162½, High Cross St
[illegible]llett, J C., & Son, 46, Southgate St
[illegible]t, J H., 62 & 64, Aylestone St.
Lowe, T., Loughborough Rd
Major, F., & Son, 39, St George's St.
Marston, J., Parry St.
Mason, Joseph, & Sons, 135, St. Saviour's Rd
Mattock, F., C[illegible] St
Moore, A W., 76, Clarendon Park Rd
Musgrave, T., Peacock Lane
Neal, F., [illegible]
N[illegible]ry, W., East St
Onions, E., East Bond St
Lopes, E. B., 22, Gopsall St
Pines, J 25, Gopsall St.
[illegible], R F., Millstone Lane
[illegible], F Shaftesbury Avenue
[illegible]
Richardson, T., & Son, Andrew St.
Riddett, J., & Son, Prospect Rd
Robbins, C., Grafton Place
Sharp, J., & Sons, Queen St.
Sharp, W M., 40, Southam[illegible]
Shenton W., Nichol's St Slater
Stevens, F., Welford Rd
Stevens, J., Brandon St
Stevenson & Walker, Martin St
Simpson & Rollston, Donnington St
Tibbatt, T R., 55, Stanley St.
[illegible]
[illegible]
[illegible]
[illegible]yers & Yates, Bright St., Humberstone Rd
Warren, T Upper Charnwood St.
Weston, J H., & Co., 91, Melton Rd
[illegible]
Widdowson, J., Highcross St.
[illegible] St Nicholas St.
[illegible], A., Mere Rd
Wright, C., Fosse Rd

LONG WHATTON.

Wilkins, Jesse

[illegible]

Barker, Thomas, & Son, 14, Swan St
Barrowcliffe, G., Normanton Hills
[illegible]
[illegible]rah, W., Pinfold Gate Joiner
Faulks, A., 4, Sparrow [illegible]
Hammond, H., Toothill Rd. Joiner
Harding, W F., Hume St. Joiner
Johnson, M M., 31, School St Joiner
Ludlam, W Chestnut St
Mann, A & S., 100, Nottingham Rd
Mann, Stephen, Borough St.
Marriott, J F., Ashby Rd Joiner
Moss, W., & Son, Baxter Gate
Parker, J. G., 12, Craddock St.
Read, Frank, Paget St. Joiner
[illegible] & Co., 15, Baxter Gate
[illegible] Wm Wards End
[illegible]y T., Regent St. Joiner
Watson & Lovett, Nottingham Rd. Joiners

LUTTERWORTH

King, James Bitteswell Rd

MARKET HARBOROUGH

Adkins, H
Adkins, J., Stoke Albany

MELTON MOWBRAY

[illegible]
[illegible]
[illegible]mann, T & H., Norman St.

Leicestershire—*continued.*

[illegible], Southern Lane
[illegible]
[illegible], Sage Cross St. [illegible]
Holroyd, Robert, Alkethel [illegible]
[illegible]
Wartnaby, John R., Charlotte St.

MOUNTSORREL, Loughboro'

Dakes, J
Morris, H

NORTH EVINGTON

Knight, John, Halstead St

WM. STARKIE.

Builder and Contractor.

ROLLESTON ST.,

North Evington.

LEICESTER.

[illegible]

Fewkes, W., Leicester R
Sanders, J

[illegible]

Cotton, Stephen

RUTHLEY, Leicester

Sarata, Frank

SHARNFORD, Hinckley

[illegible]

SHEPSHED

[illegible], Britannia St
[illegible], Kirk Hill St
Handford, Church
Ball, [illegible]
Webster, John, [illegible] St

SILEBY, [illegible]

Cooke, Wm.

SOMERBY

Hayes & Son
Smith, Messrs

STOKE [illegible]

Shilton, Thomas

SYSTON

Gamble, G. E., The Green
Hackling, M., Barkby Rd

[illegible]

Nixon, W

[illegible], nr Melton Mowbray

Squires, George

WHITWICK

Beckworth, W., & Sons, Vicar [illegible] St

WIGSTON MAGNA, [illegible]

[illegible] & Son, Bell St.
Wright, J., South Wigston
Wright, O., & Co., South Wigston

WOODHOUSE EAVES

[illegible]
Wesley, Oliver, Brook House

[illegible]

[illegible], Station Rd
Edwards, W., [illegible]
Fitzhugh, T., [illegible] St
Peace, Thos., [illegible] St

Lincolnshire.

[illegible]

[illegible] & Taylor
[illegible]
[illegible]

[illegible]

Kinsey, W., [illegible]
Marshall, J

[illegible]

Manners, J

WM. GREENFIELD,

Builder and Contractor,

BOSTON,

LINCOLNSHIRE.

Established 1878.

Davis & Hewitt, [illegible]
Stamp, J., [illegible]

Clark, H., Norfolk St
[illegible]
Handley, [illegible]
[illegible]
[illegible], Lawnpond St
[illegible], 67, Main Ridge
[illegible], 56, West [illegible]
Parker, H. W., 46, W[illegible]
[illegible] & Son, [illegible]
Sherwin, S., Wide Bargate
Taylor, J., Red Lion St

[illegible]

Rood, A. [illegible], North St
Chappell, H., North [illegible]
Gibbthorp & Sons, North [illegible]
[illegible], Eastgate
[illegible], J., & Sons, North Rd
Wright, J., Wood View

BRANSTON, [illegible]

Cook & Parsons
Greenham, J

[illegible]

Clark [illegible], Queen St
[illegible]

Reed & Watts

Lincolnshire—*continued.*

[illegible]

[illegible]

ELTON-LE-MOORLAND, [illegible]

Ash, J

CLEETHORPES, Great Grimsby

Grant, F., Sea Bank Rd
Wade, W., Cross St

CONINGSBY, Boston

Jackson, Wm., Boston Rd

[illegible]

[illegible], James

DONINGTON, [illegible]

[illegible], Market P[illegible]

FISKERTON, Lincoln

Sharpe, E.

GAINSBOROUGH

[illegible], Church St
[illegible]
Smith, Alfred, [illegible]
Woods, John, [illegible]

[illegible]

[illegible]

[illegible], Backinmster [illegible]
Hawley & Franklin, 21, [illegible]gate
Hickling, R., & Son, Spittlegate
Miller, J., New St.
Parks, H., Swinegate
Priest, G., 60, Grantley St.

RUDD & SON,

BUILDERS AND CONTRACTORS,

GRANTHAM

Works Executed include—

New Church, Epping; Do., Dane Hill; Additions, Church of St. Paul, Wilton Place; Messrs. [illegible] & Garner, Architects.
New Church, Hornsey, New Church and Parsonage, Hampstead; Jas. Brooks, Esq., Architect.
Restoration Spondon Church, Derbyshire; Do., Harlaxton Church, Lincolnshire; New Church, Llandudno; J. O. Scott, Esq., Architect.
Substructure of Metropolitan Fruit and Vegetable Market, City Architect.
Canton Manor; New Church, Aslockton; Sir A. Blomfield & Sons, Architects.

Sharp, M. T., Little Bytham
Walker Bros. & Parks, Little [illegible]
Wartnaby & Son, Barrowby Rd

GREAT GRIMSBY

[illegible], Corporation St.
[illegible]
[illegible], Cleethorpes Rd
[illegible], Wellowgate
[illegible] & Goodhand, Eleanor St
Hollingworth, Richard, 40, Victoria St
Joll & Lewis, Duncombe St.
Marrows, H., Garden St
[illegible] & Danby, Eleanor St
[illegible]
[illegible], Osborne St.
Thompson & Sons, Ainslie St.
Walker, F., Abbey Rd

[illegible]

Wauldingham, J

HORNCASTLE

Bell, Frank, 38, East St
[illegible]
Harrison, Mark, 20, South St
Heath, J., Stanhope [illegible]
Pike, George Y., Bridge St
Walter & Hensman, Bank St

HOUGH-ON-THE-HILL, Grantham

Shelbourn, John

KIRMINGTON

Havercroft, John

LEAKE, [illegible]

Richardson, James

LINCOLN

Adams, George, Bathgate
[illegible], S. & W., Brayford [illegible]
[illegible]
Halkes Bros., 8, Friar Lane
Harrison, J. M., Melville St., and [illegible]
Harrison, Geo. [illegible]
Horton, S. & R., 26, Portland St
[illegible] & Son, Melville St.
Martin & Sons, Castle Hill
[illegible], St. Rumbold's St.
[illegible], Newman St.
Taylor & Son, Napoleon Pl
Wright, [illegible], St., Newland
Wright, W., & Son, Park St.

LONG SUTTON

[illegible], John
Carbutt, J
Carbutt, R. R.

[illegible]

[illegible]
Clark & Son, [illegible]gate
Hewson, [illegible], [illegible]gate
Mawer, H. & R., Kidgate

J.M.Thompson & Sons,

BUILDERS & CONTRACTORS,

Louth, Grimsby, & Sutton-on-Sea

Works Executed include

Holme Hill Board School, about £9,000, Grimsby; Charles Bell, Esq., Architect, London. Clee Park Hotel, Grimsby £4,000, E. W. Farebrother, Esq., Architect, Grimsby. Wesleyan Chapel, Wragby, John Wills, Esq., Architect, Derby & London £1,300. Wilford Church, Nottingham, £1,600, Messrs. Naylor & Sale, Architects, Derby. The Orme Bede Houses, Louth, £2,500; James Fowler, Esq., Architect, Louth. Chancel, Scamblesby Church, near Louth, £400, Ewan Christian, Esq., Architect, London. Additions to Brewery, Messrs. Hewitt, Grimsby, £6,000. [illegible]

[illegible]

Stothart, W., [illegible]
Waterland, Henry

[illegible]

Simpham, H., & Sons, [illegible]

[illegible]

Greenwood, T.

NETTLEHAM, Lincoln

Park, W., West St

RILLINGTON

Wortley, John

RUSKINGTON

Pattinson, S. & W

SAXBY, Barton-on-Humber

Ashton, B

SAXILBY, Lincoln

Middleton, [illegible] R

SCOTHERN

Lusby, F

SCAMPTON

[illegible], J

Lincolnshire *-continued.*

SCUNTHORPE.

Barlow, George Edward, 18, Trafford St
Beacock, J
Close, J
Hollingsworth, A. C
Hollingsworth, W. A
Jackson, C
Thompson, H
Wilford, Samuel

SKEGNESS

Crawshaw, J., Alexandra Rd
Dunkley, George, Wainfleet Rd

SLEAFORD.

Banks, John, & Son, 79, West Banks
Kirk, Knight & Co., Jermyn St.
Maxey, W. H., Eastgate

SPALDING

Levesley, William, Double St.
Watson, C., 85, Winsover Rd.

SPILSBY

Hunter, W., & Son, West End
Rattenbury, W. W., Halton Rd
Scarborough, G., Halton Rd.
Walker, Wm

STAMFORD.

Bowman, Edward, Bentley St., North Fields
Corby, Henry, 4, West End Villas, Foundry Rd
Halliday, [illegible], Scotgate
Hilliam, W., 9, St. Leonard's St.
Hudson Bros., Cemetery Rd
[illegible], St. [illegible] St
[illegible], Broad St
Peasgood, Edwd., 18, All Saints St.
Peasgood, Jas., 7 & 8, Austin St.
Roberts Bros., Wharf Rd.
Rouse, J. M., St. Leonard's St.
Scholes, Rd., Empingham Rd.
Wooiston, John, 31, St. Peter's St.

STICKNEY, Boston.

Atkin & Pogson

SUTTON BRIDGE, Wisbech.

Bateman, James, Flint House

SUTTON-ON-THE-SEA, Alford.

Moore, Fredk

ULCEBY.

Potts, William

WAINFLEET.

Elmes, Thomas
Parker, Sam.
Turner, J. T.

WOODHALL SPA, Lincoln

Cromwell, O
Crookes, B., Kirkstead Rd.

WOOTON

West, William and Robert

Middlesex.

ASHFORD

Robinson & Francis

BRENTFORD

Barner, J., 93, High St.
Bloomer, John, 185, High St
Borey, J., & Co., Distillery Rd
Foord, W., & Sons, 69, High St.

CHISWICK.

T. H. Adamson & Sons,

Builders

and

Contractors,

252, HIGH ROAD,

CHISWICK.

Estimates given for every kind of Joinery Work.

Blackburn, W., 3, Elliott Rd., High Rd
Eylmann, H., Holly Rd
Fenson, F., 11, Lawn Ter., High Rd.
Heath, D. D
[illegible]
[illegible]
[illegible]
Rogers, C., 348, High Rd
Whitman, H. J., Prospect House, High Road

COWLEY

Hardy, W., St. A[illegible]

EDMONTON

Berry, G., 1, Quendon Cottages
Brown & Sons, Railway Approach
Brown, H. E., Manor Pl., Lower Fore St.
Cropley, W. W., & Son, Lower Fore St.
Lacy, G. F., Upper Fore St.
Monk, A., Hertford Rd
Munt, W., 1, Jasmine Villas, Hertford Rd
Nix, J. W., Church St
Raisin, H., 1, Bridport Cottages, Tanners End
Row, W. F., Grosvenor Rd.
Sears, Edward, 1, Graham Rd
South, J., Upper Fore St., Angel Rd. (Road Contractor)
Wyman, C., 1, Maude Villas, Hertford Rd
Yates, T. W., 1, Melbourne Terr., Hertford Rd

ENFIELD

Almond, A. F., High Rd., Enfield Highway
Boultwood, J., Enfield Town, [illegible] Decorator,
Attwood, A., Baker St.
Beckett, T., Elm Lodge, Phipps Ash Lane
Berridge, C. W., The Cottage, Gordon Hill
Burridge, W. K., Avenue Rd., Brigadier Hill
[illegible], Villa, [illegible]
[illegible], Gordon Hill
[illegible], Church St
Crabb, J., Lancaster Rd
Cross, W., Woolpack Bridge
Davis, J., Baker St.
Davis, W., Park Rd., Enfield Wash
Fairhead, Allen, & Sons, Sydney Rd
Frost & Coppin, 1, Charlton Villas, Station Rd
Garrard, J., Church St.
Gibson Bros., Station Rd
Hardman, H. S., Ivy Dene, Southbury Rd
Mason, [illegible] W., Second Avenue, Bush Hill Park
Newcombe, [illegible], Great Northern [illegible] Yard, [illegible]
[illegible]
[illegible] L. & W. O., Market Pl
Poole, J., Chase Side
Ranson, W., Forty Hill
Sanders, J. H., Essex Rd
Savage, J. H., Lancaster Rd
[illegible], Windmill Hill
Sutton, [illegible], Halifax Rd
Upton, J. R., Windmill Hill
White, C., Totteridge Rd.
Woodfield, E., Baker St.

FELTHAM

Lodge, C
Watson, T. C.

HAMPTON HILL.

Bailey, T., High St.
[illegible], J
Singleton & Sons

HAREFIELD, UXBRIDGE.

Brown, Chas., & Sons

HARROW-ON-THE-HILL.

Batchelor, A. J., High St.
Beechener, H. W., Wealdstone
G[illegible]ett Bros., Wealdstone
Warner, H., Greenhill
Webb, Alfred, Roxeth Hill
Woodbridge, H., West St.

HAYES

Eder, James

HOUNSLOW

Hiscock, T., High St.

NORTHWOOD

Elkington, T

PONDER'S END.

Almond, T., & Son, 31, South St.
Field & Son, High St.
Newman, E. W., Durants Rd

POTTERS BAR

Worboys & Son

SHEPPERTON

Lucas, [illegible], near Railway Station

SOUTHALL.

Brown, W
Gibson, G
Hanson, A. & B., Featherstone Rd

STAINES

Allison, E., Stroude Rd
Baker & Son, Church St.
Bone, Messrs., High St.
Powell, J., Richmond Rd
Reavell, G., Laleham Rd
Robinson & Francis, Ashford

STANMORE, GREAT

Kirby, George, & Sons
Lawford, H

SUNBURY

Gurney, Thomas

TEDDINGTON.

J. F. COLLINSON,

BUILDER AND CONTRACTOR

STANLEY Rd., Teddington.

Works executed include—

New Workshop, for the Blind of Kent, £6,000, W. T. Harris, Esq., Archt.
New Chancel & other Additions to Hampton Church, £2,500; Sir Arthur Blomfield, Archt.
Free Library, Wandsworth Bridge Rd., Fulham. Messrs. Billing, Son & Rowley, Archts.
New School, Page's Walk, Bermondsey, £18,453. London School Board. J. T. Bailey Esq., Archt.

TWICKENHAM

Anoyle, J. N., St. Margaret's
Eldridge, Chas., St. Margaret's Rd
Messom, T. J., Grosvenor Rd. Works
Roberts, Wm., 4, Beauchamp Rd.
Slade, Archibald, Twickenham Green
Slark, W., Heath Rd

UXBRIDGE

[illegible] Herbert, [illegible]
[illegible] & Son, [illegible] Rd
[illegible] & Son, 42-44, St. Andrew's
[illegible] H. [illegible], 43, High Street
Hall, G., Vine St
Kearley, C. F., 11, High St.
Ward & Son, Wellington Rd.
Westacott, T., Elthorne Rd

Monmouthshire.

ABERCARN

Davies Bros., West End.

ABERGAVENNY

Foster, Thomas S., Frogmore St.
Thomas, J. G., Lion St.

ABERTILLERY

Bagley, Noel, The Poplars, Brynteg
Hall, W. H., 17, Tillery St.
Jones, E., Indbrooke House, Brynteg
Morgan, W., 8, Castle St.
Smith, W., Queen St.
Williams, A. P., Tyr Nuedd House, Oak St.

BLAENAVON

Burgoyne, J

CHEPSTOW.

Phillips, John, 27, Welsh St.

CWMBRAN, Newport

Simmonds, W., St. Dial's Rd

EBBW VALE, R.S.O

[illegible] Eureka P[illegible]
Thomas, Dan, Victoria Rd

MAESYCWMMER

Andrew & Ramsay

MONMOUTH

Mackie, J
Morgan, Charles Mayhill
Parry, O., 17, St. Mary St.
Roberts, W. D.
Simmons, W., St. Thomas' Sq

NEWBRIDGE

Morgan, Charles F
Williams, Thomas, Penrhiw Frame
Williams, Ellis, Cwmdows

NEWPORT.

Biggs, W., Ludgate Cottage, Victoria Avenue
Blackburn, William, Marshes Rd
Blackburn, W. M., The Lindens, Pentonville
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible], Cape Crescent
[illegible], York Place
Davies, Jas., 55, Church Rd
Diamond, F. G., 15, Charles St
Dymond, John, 26, London St.
Edwards, Chas., 47, Lewis St
Edwards, Geo., Somerset Rd
Firbank, J. H., 7, Bryndérwin Rd

Monmouthshire—*continued.*

Francis, Jonah, & Son, 3, Clytha Sq.
Francis, Job & Sons, 6, Caerleon Rd
Fraser, A., Hill St.
Gardner & Co., Gloster Bank Buildgs., Engineers' Contractors
Green, ..., 2, Ivor Villas
Goldsworthy, T., 53, High St
Hazell, A., 1, Somerset Rd
Hooper, J., 11, Station St.
Hughes, W., Clifton House, Risca Rd
Jenkins, John, 7, Clifton Rd., Stow Hill
Jewell, W., & Sons, Bradford House, Barrack Hill
Jones, Wm., & Son, 5, Mountjoy Pl
Jordan, E., 15, Pugsley St
..., John, 88, Commercial St
Lanton, W. A., 18, Clarence Pl
Llewellin, I., 27, Clytha Sq
Lock, C., 25, Caerleon Rd (War Department Contractor)
Lyle, Robert, 17, Almesley Rd.
Mackey, J., Austin Friars Chmbrs., Dock St
Martin, George, Clytha Park Rd
Matthias, J., Redwick, Bassaleg Rd
Monks, J., & Co., The Woodlands, Crumlin, near
Moore, J., 80, Lyne Rd.
Moore, William, 1, Daniel St.
Morgan, A. S., & Co., 1, Godfrey Rd
Morris, J. T., 51, Hereford St., Chepstow Rd.
Parfitt, A. E., Kensington Pl
Parfitt, Dyson, Kenyon, Eveswell Park, Maindee
Parfitt, H., ..., Rd
Pitt, ..., Eveswell St
Price, W., 70A, Upper Lewis St
Prosser, T., Carlisle Villa, Caerleon Rd
Reed, C. H., 1, Malpas Rd
... Wm., & Son, 101, Raglan St.
Richards, D. W., 5, Depot St.
Richards, E., 39, Price St.

Sharren, ..., ...
Shepland, Chas., 28, Bevedere Terr
Turner, W., Caerleon Rd.
W..., T., 1, Kirby St.
West, C., Pickwick House, Church Rd
Westacott, T., 19, Queen's Hill, Pentonville, & New Entrance, Marshes Rd
Williams, J., & Son, Clarence Pl
Williams, Jesse, & Son, 101, Raglan St.
Wilkins, Geo., Clytha Park Rd
Wilkins, Chas., Alma St

PANDY, near Abergavenny

Parry, T., Gaunant

PONTNEWYDD, near Newport

Parfitt, Hy
Sketch, H., Woodside

PONTNEWYNYDD, S. O.

Morgan & Evans

PONTYMISTER

Pritchard, J., near Board Schools

RISCA, Newport

Lewis, J., The Square
Pritchard, J., Bethany Cottage

ROCKFIELD

Morgan, J.

TREDEGAR

Edwards, R., 34, Queen St.
Edwards, T., 1, Duke St.
Freeman & Hardy, New Tredegar
Morgan, D., Queen Sq.
Morgan, E., Park Row
Morgan, Wm., Park Row
Rees, H., Alexandra Pl
Vaughan, David, Commercial Rd
Warn, W., Church Sq

Norfolk.

AYLSHAM

Botterill, W. J.
Culley, F., Denmark Pl

BANHAM, Attleborough

Ludkin, W., & Son

CROMER

Jillings, J.
Riches, G., Church St.

DERSINGHAM, King's Lynn

Chambers, G.
Hudson, W.
Riches, G.
Walden, W.

DICKLEBURGH, Scole

Wells, W. (Mason)

DISS

Croft, J. E., Chapel St.
Seaman, W.

DITCHINGHAM

Morris, R., The Cross Roads

DOWNHAM

Collins & Barber, Railway Works, Downham Market
Gage, W., Downham Market

EAST DEREHAM

Crane, W., Great Fransham
Hubbard, W., & Son
... W. J., ...
Mayes, R., Garfield Works

FAKENHAM

Nelson, J., Colkirk
Tuttle, Chas.

FOULSHAM, Dereham

Blyth, T. H.

GORLESTON, Gt. Yarmouth

Bensley, W., South Town Rd
Cockrell Bros., Pier Plain

Cockrell, W., ...
Cockrell, J., Lowestoft Rd.
Cockrell, J. W., & Son, High St
Fuller, G. J., 153, High St
..., High St. Painter, &c.
Layton, G., Lowestoft Rd
Read, G., High St. Painter, &c.

GRIMSTON

Horsley, D., Grimston Rd.
Rudd, J.

HAINFORTH, Norwich

Chapman, T., & Son
Chapman, W.

HUNSTANTON

Beeton, J. W.
Nelson, John

KING'S LYNN

Bardell Bros., London Rd

BY SPECIAL APPOINTMENT TO H.R.H. THE PRINCE OF WALES

W. H. BROWN,

Builder and Contractor, Stone and Marble Mason

SANITARY WORKS A SPECIALITY

STEAM JOINERY WORKS.

Norfolk—*continued.*

W. H. BROWN (*continued*)

Plumbing, Glazing and Painting

30, LONDON ROAD,

KING'S LYNN.

Works Executed include—

Restoration of Sandringham Hall, New Bachelor's Wing, and various other extensive work on the Estate, for H.R.H. The Prince of Wales, K.G., H.R.H. The Duke of York.

Various Alterations, Additions, and the Erection of Churches, Chapels, Schools, Residences, Farm Buildings, Coffee Taverns, Oil-cake Mill, &c., about the Country generally.

Entirely New System of Drainage, and Sanitary Works at Lynn Hospital, under E. G. Mawbey, C. E., Esq., Borough Surveyor, Leicester.

Entirely New System of Drainage and Sanitary Works at King's Lynn Workhouse, under E. G. Mawbey, Esq., C.E., ... Leicester.

..., also in surrounding districts.

..., South Gates
..., W., Friar St.
Langley, T., & Son, King St.
Read & Wildbur, Nelson St.
... Bros., London Rd
...
Smith, R., South St.
Thing & Son, High St.
Wanford, E., London Rd

LITCHAM

Curtis, W.

MIDDLETON

Gamble, G.

NORTH ...

Cornish & ...
Easton, R.
Wilson, W.

NORWICH

Brewster, W. A., St. Saviour's Lane
Downing, John, & Son, Victoria St
Gill, Thos., Rupert St.
Hawes, G. E., & Sons, Steam Joinery Works, Duke's Palace
Holmes, J., Red Lion St., St. Stephen's
Read, W. A., Derby St
Sadd, H., Grove Rd
Tinkler, G. S., 48, Denmark Rd
Wegg, R., St. George's Plain
Wilkins, S. R., 49, Grapes Hill
Wilkin, W., 6, Cow Hill
Youngs, J., & Son, Chapel Field Rd

SNETTISHAM

Chilvers, Jonas
Chilvers, W., & Son

SOUTHERY

Porter & Son

STALHAM, Norwich

Batchelor, T., & Son

STOKE HOLY CROSS, Norwich

Leggett, George

SWAFFHAM

Impson, J. F., Norwich Rd
...
Mason, R.

SWANTON ..., Norwich

Thomas, Thos

THETFORD

Boughton, W., & Sons, King St
Holden, S., Station Rd

TUNSTEAD ...

Reeder, H.

UPWELL, Wisbech

Elworthy, E., & Son
Sutton, W., Lynwood House (Bricklayer)

WALSINGHAM (LITTLE)

Dagless, James

WALSOKEN

Pearman, W., Norwich Rd

WATTON, S.O.

Adcock & Sons

WEST WALTON, Wisbech

Grimmer & Webb

WYMONDHAM

Peck & Son, Hethersett
..., F. L., Middleton St.

YARMOUTH (GREAT)

Balls, J., 38, Northgate St.
Banks, Robert, 16, Nelson Rd, Central
Barnard, M., Somerset House, Southtown
..., Southtown Rd
Beckett, G., Southtown
Beech, G. W., Northgate St.
Bensley, W., 1, Beccles Rd, Southtown
Bond, A. E., 87, Albion Rd

J. F. W. BRAY,

Building Contractor.

(Established 1872)

REGENT PASSAGE, Gt. YARMOUTH.

Works executed include—

Clowes' Stores, Yarmouth, £1,150; Ed. Boardman, Architect. Police Station, Great Yarmouth, £1,448, H. H. Baker, Architect. Yare Side Ironworks, Great Yarmouth, £1,569; H. Dudley Arnott, Architect. Waterworks and Sewerage, Holt, £3,100; Ed. Easton & Sons, C.E. Great Yarmouth Steam Carrying Co.'s Premises, £2,800; Bray, Webb and Co., Architects. Showrooms to Drapery, Great Yarmouth, £1,400; Bottle & Olley, Architects. Houses &c., Gorleston, £1,070; H. Dudley Arnott, Architect. Grocery Stores (Ed. Harrison), Yarmouth, £1,460; J. E. Teasdel, Architect. Shipley's Veterinary Establishment, Yarmouth, £1,150; A. S. Hewitt, F.R.I.B.A., Architect. Cromwell Hotel, Yarmouth, £1,270; A. S. Hewitt, F.R.I.B.A., Architect. Granaries (R. & W. Paul), Yarmouth, £1,400, Thos. Miller, C.E. Houses, Lowestoft, £3,200, W. J. Roberts, Architect. High Lighthouse, Lowestoft, Trinity Corpor., £1,350, J. Matthews, Esq., Engineer. Electric Station, Yarmouth Corp., £2,750, J. W. Cockrill, Architect. Sea Wall, Mundesley, J. E. Teasdel, Engineer.

Brock, R., Southtown Rd
... & Wright, King St. South
..., J. S., Theatre Plain
Cork, W., Northgate St.
Davy, Robt., 48, Middle Market Rd., ... Nelson Rd. North
Denton & Trett, Havelock Rd
Durrant, G. W., ...
Dyson, J. E., Nelson Rd., Plumber, &c.
..., R., Dene Side
...
...

Norfolk—*continued.*

Flaxman, S B, 50, St. Peter's Rd.
Goffin, J T., 58, King St. (Painter, Plumber, etc.)
Goods, [illegible], Caistor Rd. (Plumber, etc.)
Grimble, F, Caistor Rd.
Harm[illegible], T, Bath Hill
Harrod, G., 67, King St. (Plumber etc.)
Howes, Thomas, 50, York Rd.
Leggett, J, 27, Dene Side
Lidamore, A, Dene Side (Stonemason
Minns & Son, Albion Rd. (Painters and Plumbers)
Moore & Wright, Fullers Hill
Moore & Son, Lichfield Rd., South town
Norman & Son, Theatre Plain Plumbers,
Platt & Son, Middlegate St. (Painters, Plumbers, etc.)
Rainer, S., Nelson Rd. (Plumber and Decorator)
Rand, Sidney, Regent Rd.
Read & Curtis, Southtown
Read, J. S, North Quay
Spencer, —, Dene Side (Painter and Plumber
Springall, B, Nelson Rd
Staff & Nicholson, Camden Rd. (Plumbers, Painters, etc.)
Stanley Bros., Caistor Rd. (Stonemasons
Ward, John, Lichfield Rd. Southtown
Whale, H, Tottenham St.
Wiseman, C., 40, Wellesley Rd
Wolverton & Son, South [illegible] Plumbers

Northamptonshire—*continued.*

[illegible]AUNDS

Smith & Son

[illegible]

[illegible] W[illegible], & Sons
W[illegible]

Barlow, Fred
B[illegible]

[illegible]EN, near Higham Ferrers

Bayes & Son, Griffith St
Knight, H, [illegible]
Marriott, R[illegible]
[illegible]

TH[illegible]APSTON.

Coates, W, & Son

[illegible]

Heath, Thomas
Wheeler, T.

[illegible] Stamford

Roberts, A. S

WEEDON

Roberts, Edmund, & [illegible]

W[illegible]

Abbott, C W, Mill Rd
Brown, E, & Son, Castle St.

Dorman, T H., Strode Rd
Goodman, W, Sheep St.
Harrison, W J, Knox Rd

GEORGE HENSON,
BUILDER AND CONTRACTOR,
MIDLAND ROAD,
WELLINGBOROUGH

Works Executed include—
Wellingborough Capital and Counties New Bank; Leicestershire Banking Co.'s New Bank; Granville Hotel; New Victoria Roller Flour Mills; New Bridge over river Nene.
Rushden—New Capital & Counties Bank; New Gas Works; New Shoe Factories.
New Coffee Mills, Market Harborough.
The Grange, Earls Barton.
Manor House, Brigstock.
Barnwell Castle, Barnwell.
New Church (St. Mary's), Kettering.
Restoration, Irchester Church.

Marriott, R., Ranelagh Rd
Smith, G A, Park Rd
Stevens, W, Park St.
Tebbutt & Pratt, St. John St.

WERRINGTON, Peterborough

Pine, H

Northamptonshire.

[illegible]

Hawkins, W. H. & T.

BYFIELD, Northampton

Kerrel. W.

[illegible]

Clayson Bros.

DAVENTRY

Adams, T, Oxford Rd

ESTABLISHED 1856.

NEAL & BOSWORTH
(LATE JOHN GEE,)
CONTRACTORS & BUILDERS,
Monumental Masons,
DAVENTRY.

Works executed include—
Church Restorations, Villa Residences, Schools, Banking and General Business Premises, Factories, Farm Buildings, etc.

Further particulars, with references to London and Provincial Architects, on application.

DENFORD THRAPSTON

Freeman & Son

EARLS BARTON, Northampton.

Harris, John

EASTON-ON-THE HILL, Stamford

Perkins, W & J.

FINEDON

Abbott, S.
Henson, F

GEDDINGTON Kettering

Patrick, James

[illegible]

Berril, T & C, High St

[illegible]

Andrews & Judkins, Regent St
Barlow, A., Steam Joinery Works, Carrington St.
Bellamy, J T., Victoria St.
Coltman, J, London Rd
Dickens & Mutton, Ford St
Fishborn, J, Broadway
Hart, J W., Wellington St
Henson, C. & F, Headlands
Henson, G V, Broadway
Henson, H F, Eskdaill St

Johnson & Manton, Havelock St.
Manby, S., Dalkeith Pl
N[illegible]
Pa[illegible] [illegible]pper Field St.
S[illegible], Green Lane
W[illegible], Wellington St

[illegible], Northampton.

[illegible] J, & Son

MOULTON, Northampton.

Baswell & Sons

NORTHAMPTON.

Archer, Edwin, 66, Abington St.
Beardsmore, W, Albert St.
Branson, G., & Son, St. Mary St.
Chown, A. J., 61, Abington Avenue
Clarke, J. B, Park Crescent
Cleaver, R., Wood St.
Co-operative Building Society, Bath Rd.
Cosford, R. [illegible]naught St
Douglas, J, 28, Clare Ter
Dunckley, J, 11, Pike Lane
Fisher, G J, 6, Castilian Te
Garrett, J., Bostock Avenue
Green Bros, Palmerston Rd
Gregory, W, & Son, Bruce St
Hawtin, A P., Colwin Rd
Heap, W, St. [illegible]
Hickman, R, Brunswick Pl
Martin, H, Thenford St
Panting, J, Holly Rd
Smith Bros., 28, Gold St
Watkin Bros., 40 & 42, Sheep St.
Wilford & Judkin, Monk's [illegible]
Wingrove, J T., Talbot Rd
Woodford, J, & Son, Scarletwell St.

[illegible]

Howe, W, & Sons
Ireson, J W., Glapthorne Rd

PETERBOROUGH

Bailey T, Eastfield Rd
Binder, W, Star L[illegible]
Bridgefoot, J, & Son, Woodstone
Cox, W, Stanground
[illegible], J, Cobden St
[illegible] Cromwell Rd
Gray, D, Lin[illegible]
Guttridge, J, Park Rd.
Hammond, H, Eastfield Rd
Hawkins W Fletton
Hicks Bros., Huntley [illegible]
[illegible] W[illegible], Cromwell Rd
[illegible]
N[illegible]
Noble, R, Lon[illegible]
Pape, W H., Cromwell Rd
Sibley, W., Lincoln Rd.
Spriggs & Clare, Huntley Grove
Thompson, John, 43, Wood St
Walker, F, St. Mary's St.
Watson & Lucas, Bedford S[illegible]
Wenlock, J, Lincoln Rd
Wright, R., Eastgate

Northumberland.

ALLENDALE, R S.O

Richardson, W, Low House

ALNMOUTH, R S O.

Robertson, T, & Sons, Steam Saw Mills

[illegible]

Armstrong, M, Beaconsfield Ter
[illegible] W, Bondgate Within
[illegible], & Sons Green Bat
Forster, W., & Son, Narrowgate
Hunter, H, Prudhoe St
Nettleship, C [illegible]
Robertson, T., & Sons, Narrowgate
Short, J, & Son, Roxburgh Pl
Smith, W J, Pe[illegible]
Weatheritt, W., Bondgate Without
Whinham, J, Clayport St

[illegible]WBLE, A[illegible]KLINGTON

Brown, R & G., 13, Dovecote St
Carse, R., & Son
Earnshaw, Rob[illegible] Newburgh St., and Church St
Green & Douglas, The Wynd House
[illegible] R H[illegible]
[illegible] W[illegible] Church St
[illegible], 7, Gibson St., and [illegible]oster Terrace
[illegible]ord, J, Wynding
[illegible] D. M., Queen St
W[illegible], Philip, Albert St (Plasterer)
Young, N, Church St., & Newburgh St. Painter and Decorator.

[illegible]CKWORTH, Newcastle-on-Tyne

Robson, W[illegible]

[illegible]ELLINGHAM

Martinson John

[illegible] SOUTH, Newcastle-on-Tyne.

[illegible] Joseph, Benwell Village
Thirwell, P & Son
Weddle Bros

[illegible]

[illegible], Castle Ter
[illegible] W & Sons, [illegible]
[illegible] 28, Church St
[illegible]

Mundum, George, 20, Hide Hill, Plumber
Weatherstone, J, 124, High St., Slater and Plasterer
Wilson, J, & Son, Victoria Bldgs, Bridge End Plumbers

BLYTH

Barron & Temple, Aldborough St., Cowpen Quay
Baxter, Richd, [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] Jas 1, Gladstone St Cowpen [illegible]
[illegible]ler, W, [illegible]
Goulding & Son [illegible]
Heatley, John N, [illegible] Waterloo
H[illegible]
[illegible] W., Simpson St., Water[illegible]
[illegible] T, Catherine Ter
M[illegible], W., & Co., 68, Delaval Te.
Maxwell, W., Market P.
Maughan, H, & Co., Cowpen Quay
Newbiggin & Goodlass, Stanley St
Phalp & Bird, Rutherford St., Waterloo
Scott, H A., & Co., Salisbury St., Cowpen Quay
Simpson, J & W, [illegible] House, Waterloo
Tait, R, High St.
Watson & Wilson, 45½, Bowes St.
Weightman, D, Lynn St., Waterloo

[illegible]

Elliott Bros

[illegible]LLERCOATS.

Douglas, [illegible]
Hall, R [illegible]
Mason, C W, 61, Eleanor St. Plumber
Mason, Ralph, 65, Eleanor St Plumber
Richley, F. W, 79, Huddleston St Painter
Scott, W P, Front St., (Plumber,

Northumberland—*continued.*

Scott, Walter [illegible]
Taylor, Wm., John St., and Station Rd [illegible]

EARSDON, Newcastle-on-Tyne

Taylor, John

EMBLETON, Chathill

Appleby, Mark

FELTON

Richardson, J., & Son, Bridge End
Steel, W. [illegible]
Stewart, D. [illegible]

GLANTON [illegible]

Dryden, W. & Son
M[illegible], Thos. [illegible]

GOSFORTH

Gabey, L., Causey St
[illegible], Wm., [illegible]

HALTWHISTLE

[illegible] & Jackson (Masons)
Martin, J., & Son, Park Village (Carpenters and Joiners)
Snowden, J., Park (Carpenter and Joiner)
Watson Bros. (Masons)

HEXHAM

Darlington, Eli
Herdman, J., & Son, Broadgate
Snowball, E., Hencotes St

[illegible] LIFFE, Berwick [illegible]

[illegible], J., & Sons (Slaters and [illegible])

HORSLEY-ON-TYNE

Weir, W. T.

[illegible]

Armstrong [illegible]
Wilson, J., & Sons

LONGFRAMLINGTON, Morpeth

Hilton, Jas. [illegible]
Robinson, W.

MONKSEATON

Davidson, R.
Dryden, Robt.

MORPETH

Athey, T. W., Collingwood Lane (Slater)
[illegible], J., Bridge St. (Joiner)
English, G., & Son, N[illegible]
Dagliah, J., & [illegible], Bridge St (Plumber)
Fairbairn, Bros. (Plasterers)
Fryer, J., Bridge St
Haswell, G. & [illegible], Corporation Yard, and 7, Castle Sq.
Middlemass, T. W., Oldgate (Mason) [illegible]
Routledge, M., High Stanners
Stafford, J., [illegible] St
Waterston, Geo., Junr., Beeswing
Waterston, J. & G., Bridge St. (Mason)

[illegible]

[illegible], 8, Villa Pl
Anderson & Davidson, Crows Nest Yard, Percy St.
[illegible] & Slater, Leazes Lane
[illegible], Walter, New Bridge St
[illegible]
[illegible] Moor St
Bennett, G., 3, Eldon Lane, Blackett St
Bland Bros., Barras Bridge (Plumbers)
Bruns, D. N., 4, St. Nicholas B[illegible]
Brown, H., & Co. [illegible]

Bruce, Alex., Brighton Grove
Burnup, J., & Son, 77, Clayton St

S. B. BURTON,

BUILDER AND CONTRACTOR,

16 RIDLEY VILLAS,

NEWCASTLE-ON-TYNE.

Works executed include—

Allan's Endowed School, Private Chapel Benwell Palace, University of Durham College of Medicine, "Burt" Hall, Chapel of N.C. [illegible], Iron Ship-builders' and [illegible] makers' Residence and Administrative Offices,—all in Newcastle-on-Tyne; Petty Sessions' Court, also Offices Northd., for C.C.; Church and Mausoleum, Easby in Cleveland; Hovingham Hall, Yorkshire; Church of Holy Trinity, Wanstead, and a large number of New Churches and Restorations in Northumberland, Durham, Yorkshire, [illegible], Notts., Cambridge, W[illegible], etc.; Sala Evangelique Piazza in Lucina, Rome; Business Premises and Residences, Rome.

Common, T. & W., Acorn Rd. Post Office, Jesmond
Curry, T., Orchard St.
Davidson, S. F., 147, Tynemouth Rd., Heaton
Dinning & Cooke, Percy Iron Works (Founders)
Donkin, J., Corporation St
Douglas, T., Cardigan Ter., H[illegible]
Elliott, A., 11, Otterburn Ter
Elliott, E. G., 13, Queen's Te[illegible]
Emley & Sons, Ltd., Weste[illegible], Plumbers, &c.
Ferguson, John, St. Mary's Pl
Ferguson, J., 31, Ninth Avenue
Forsyth, J. H., Elswick Ct.
Franklin, W., Stepney St
[illegible], Forest Hall [illegible], Gosforth
[illegible], 4, Tamworth Rd
[illegible] (Plumber)
Harris, J. B., Osborne R[illegible]
Harris, R., & Son, 73, Gloucester St
Harrison, T. W., Byker Hill
Hedley, Ralph, 11, New Bridge St. (Wood Carver)
Heron, G., Corporation St
Hewitson, John, Albion St. (Slater)
Hilton, J., Rothbury Ter
Hobson, J. T., 204, Shields Rd [illegible]
Hope, J. [illegible], 64, Crown St., Elswick [illegible]
Huntley, J., Shields Rd
Hutchinson, Thomas, 103, Elswick [illegible]
Jackson, D. [illegible], Corporation St. (and Joiner)
Kirk & Brown, Shot Factory Lane
Kyle, J., 13, B[illegible] Ter
[illegible]er, G. G., Northumberland St (Decorator)
Laurence, W., Derby St
Laws, W. A., [illegible]
Lunn, G., [illegible]
L[illegible], J. & W., 1, Corporation St
L[illegible], 89, Snowdon St.
Ma[illegible], G. H., Moor St
M[illegible]han, N. W., 168, Westgate Rd
McKenzie, T., Burton St., Byker
Middlemass Bros., Crow's Nest La[illegible], Percy St., and 107, Northumberland St
Nixon, F., 4, Haymarket
Percy [illegible], Northumberland St. [illegible]
[illegible] E. B., & Son, Blandford St. West
Reid, N. & R., 48, Bath Lane Ter
Richardson, J., & Co., St. Andrew's Ct., 45, Pilgrim St. (and Joiners)
Richardson, R., 9, Saville Row (Decorator)

Northumberland—*continued.*

Robertson, A., & Son, 4, Market St (Decorators)
R[illegible]son, G., 6, Ridley V[illegible]
R[illegible]son, L. J., Acorn Rd
Scott, G., & Son, Douglas Ter
Scott, W., Victoria Bldgs., 21, Grainger St. West
Simpson, J. F., 4, Hanover Sq. (and Joiner)
Smart, J., Cail's Yard, Northumberland St.
Smurthwaite, T., 46, Kenilworth Rd.
Southern, T., Trudhoe St.
Storey, G., 115–117, Northumberland St
[illegible], Carliol Sq
[illegible]le, J., & Co., 1, St. Nicholas [illegible]
Tyrie, W. C., Tower St
Veitch, R., Spring Garden Works, [illegible]
[illegible]
[illegible] West
[illegible]
[illegible]
Waller, H., A[illegible] Row
Watson, H., & Sons, High Bridge Works (Plumbers)
Weatheritt, T., 85, Pilgrim St
Weatherley, E., Villa Pl
White, W., 37, Rothbury [illegible], Heaton
Wilson, John, 10, Neville St
Woodhead, J., 25, Newgate St

NORTH SHIELDS

Adam, Geo., 15, Preston Rd.
Arkley, J., Reed St
Bolton, R., Steam Joinery Works, King St.
Bowman, J. D., Linskill St. (Plumber)
Brand & Macintyre, Bedford St (Plumbers)
Brannen, David, Seymour St.
Brown & Beautyman, 52, Linskill St
Brown, W., 4, Trinity Lane [illegible]
Chapman, H., & Son, Bedford St
Chater, J., Albion Rd. (Carpenter and Joiner)
Coulson, T., Victoria T[illegible]
Dalziel, T., Tynemouth Rd. (Plumber)
Elliott & Gladstone, Union St (Plumbers)
Elliott, J., 51, Church St
Ellison, H., King St. (Carpenter and Joiner)
Eskdale, Jas., Tyne St. (Plumber)
Grierson & Co., 70 & 71, Camden St (Plumbers)
Grieve, T., & Co., Bedford St. (Plumbers)
Heslop, [illegible] T., Tyne St. (Plumber)
H[illegible]wison, [illegible] M., 84, Union St [illegible]
J[illegible], Bedford St. (Carpenter [illegible])
J[illegible], T., 52, North St. (Carpenter and Joiner)
Johnson, Bros., 11, Albion Rd. West
Johnson, W., & Son, Suez St
Leighton & Bray, Northumberland St
McKay, W., Upper Camden St (Carpenter and Joiner)
Moor & Co., 17, Saville St. W[illegible]
Morrison, R., 27, Dotwick St. (Carpenter and Joiner)
N[illegible], West Percy St.
[illegible], Borough Bldg. Yard, Tynemouth Rd
Pelton, J., 15, George St.
Place, J., Exors. of, Church St.
Purvis, H., 78, Saville St. (Plumber)
Robson, Thos., Tynemouth Rd.
Rossiter, J., 61, Bedford St. (Carpenter and Joiner)
Scott, R. H., Trinity Lane
Simpson, J. & W., 1, Waterville Ter
Sopwith & Kent, 84, C[illegible] Way
Steele, J., 162, Stephenson St. (Carpenter and Joiner)
Stephenson, J. [illegible], 6, Wellington St (Plumber)
Thompson, Hy. [illegible] Lane

[illegible]NTL AND, N[illegible]

Henderson, E., & Son

[illegible], Morpeth

Bailey, D. [illegible]
Clark [illegible]
Mauer, W. [illegible]
Menzies, J. H. [illegible]
Muckle, Thos., Waterleap Cottage
Wake, J.
Wood, J. S. (Slater and Plasterer)

[illegible], Chathill, R.S.O.

[illegible], Edward

SPITTAL

Burn, A. C. (Joiner)
Storar, D. (Joiner)

[illegible]

Dobson, J., & Sons, West Thirston
[illegible], W., West Thirston

TWEEDMOUTH

Brigham, W. (Joiner)
Hope, J. (Plumber)
Rule, P. (Slater and Plasterer)
Sidey, Alex., 24, West End (Slater and Plasterer)

[illegible]

Howitt, G., 21, Front St. (Plumber)
Hutchinson, J., 54, Percy St.
Miller, J. L., Prior's House
Robson, Thos., Master Mariners' Asylum
Vert, J., 57, Front St

WALBOTTLE

Anderson, J. (Mason)
Wilson, G. (Joiner)

WALKER-ON-TYNE

Roxborough, Wm., Low Walker [illegible]
Watson, Thos., Walker

WALLSEND, R.S.O.

Dixon, G.
Duffey, J., Denham Ter
Green, T., North Rd
Hedderley, T., 145, High St., West (Plumber)
Turner, T., 2, High St

WARK

Welton, W., Mellow Burn

WARKWORTH, Acklington

Bryson & Son (Joiners)
Green, John, Junr. (Joiner)
Grey, John (Joiner)
Howleston & Son (Plasterers and Slaters)

[illegible]

Bell, Geo., Waterside Crescent
Connell, Fredk., 22, Countess St (Painters)
Dick, J., Hill Heads
[illegible]wen, Geo., 11, Duke St. (Plumber)
Gofton, Thos. T., Whitley New Rd.
Hilton, James, Trewhitt Rd
Lisle, G., Stanley House, Whitley Rd
Martin, John, Station Rd.
Nes[illegible], R. H. [illegible]
N[illegible], [illegible] Ter
Renner, W., Collingwood Ter
Ritchie, Nichol, Park Rd
S[illegible], Wm., Algernon Pl. (Plumber)
S[illegible], Victoria Avenue
[illegible], W., Whitley New Rd. [illegible]

WHITTINGTON-ON-TYNE

Small, Alex., Northumberland Ter

WILLINGTON QUAY, R.S.O.

Brand, John, Argyle St. (Plumber)
Watson, Thos., Potter St.

Nottinghamshire.

ARNOLD.

Allcock, Arthur, Front St
Herring, J., Front St

BALDERTON, Newark

Johnson & Vessey, Grove St., New Balderton
Ward, F

BASFORD (OLD AND NEW), Nottingham

Cargill, John, 42, Duke St., New Basford
Evans, F., Ashwell St., Old Basford
H[illegible] & Son, Lincoln St., Old Basford
Ingham, S., & Son, [illegible] Rd., Old Basford

BEESTON

Fletcher, W., 24 & 26, High Rd

BLYTH

Stewart, R

BULWELL

Caunt, Alexr
H[illegible], J., Main St., Joiner
Me[illegible], Thos., Brownhill Rd
[illegible]
Sm[illegible] Works
Stanforth, W[illegible], 43 [illegible] St
Tilly, [illegible]

CARLTON

Key, A., Station St.
Key, J., Station St

EAST MARKHAM, Newark

Wilson, T

EASTWOOD

Allcock, E., & Sons, Hill Top
Durant, W., Albert St.

[illegible], Southwell

Pettener, Samuel

GEDLING

Bellamy, T

GOTHAM, Derby

Haywood, J.

HUCKNALL-TORKARD

Clay & Cartledge
Munks, J. A., Portland Rd.

KIMBERLEY

Birkin & Rowland, Little Lane
Brassington, [illegible] Main St
Donnelly, W., [illegible]
Shaw, J., Victoria St
Shaw, J. & S., Victoria St.

KIRKBY-IN-ASHFIELD

Attewell & Green, East Kirkby
Baines, W.
Sharley, Albert H., East Kirkby
Sharley, Frederick Richard

KIRKLINGTON, Southwell

Rickett, David

LOWDHAM, [illegible]

Carnell & Hassam

MANSFIELD

Baker, H., Nottingham Rd
Collingham, Jas., Langwith, near
Cu[illegible] W. S., Eclipse Yard, Westgate
Fisher Bros., Albert St.
Frisby, S. & G., [illegible] Rd
Greenwood, J
Harvey, [illegible], Stockwell Gate
Vallance, Charles, Church St.
Vallance, W. A., Eclipse Yd., Westgate

MANSFIELD WOODHOUSE

Ashley, John, Park Rd
Stevenson, George

NEWARK

Baines, C., Lombard St
Brown, G., & Sons, London Rd
Cosham, T., Bowbridge Rd.
Crossland, F. W., 78, North Gate
Dobney, [illegible], Victoria St
Mackenzie, T. G., & Sons, King's Rd
Smith, Wm., Millgate

[illegible]

Chapman, G. & T.

NOTTINGHAM

Adams, J. J., 19½, Colville St
Attenborough, J., H[illegible] St
Barlow, T., 7A, Crocus St
Bell, S. A., 92, Sherwood St
Bramley, Wm., Sherwood St., South
Broomhead Bros., Bangor St.
Brutnell, W., 48A, Alfreton Rd.
Buxton & Attewell, 35, Parliament St.
Chester, Wm., 245, Arkwright St.
Clarke, A. B., Wright St., Dennett St., Blue Bell Hill
Cooper, John, Forest Rd. West
Daubney, H., 2, Peachey St.
Dennett & Ingle, 29½, Station St.
Dennett & Williamson, Castle Works, Lenton Boulevard
Ellis, W. R., 12, High Pavement
Emerson & Franks, Conway St., St. Ann's Hill Rd
Fish, T., & Sons, Pilcher Gate
Fisher, Reuben, Clarence St.
Francis, S., 1, Hewitt St

ESTABLISHED 1879.
NATIONAL TELEPHONE, No. 471.

Gilbert & Cabbitass,

BUILDERS AND CONTRACTORS.
Sawing, Moulding, and Planing Mills,
NOTTINGHAM.

Works executed include

Offices, Factory, Brass and Iron Foundries, &c., Nottingham. Nottingham School Board, New Schools, and New Laboratory Fittings in the principal Schools. New Fittings in Dyeing Laboratory, University College, Nottingham. New Residences, Mapperley Park, Nottingham. Alterations to Residence, and New Residences, at Woodford, Essex. New Residence, Cottage and Stabling, Langar, Notts. New Offices, Warehouse and Stables, Fellows Morton and Clayton Limited Canal Carriers, Nottingham, and numerous other works.

The above Contracts range from £500 to £6,000.

Green, Hy., Waterway St.
Guy, Thos., 30, Pym St.
Hatfield, W., Launder St
Henson, W., 406, Alfreton Rd.
Hind, E., Edgar Rise
Hind, S., 49, Leen Side
Hodson, J., & Son, Castle Meadow Rd.

J. HUTCHINSON,

Joiner, Builder, and Contractor,
GORDON ROAD
(LATE LONG HEDGE LANE),
NOTTINGHAM

Works executed include

Residence for W. Foster, Esq. Do., and Stabling for W. F. M. Webb, Esq., Nottingham Park. Residence, Stabling, and Grounds, Normanton Hall, near Loughborough, for J. B. Thomas, Esq. Residence, and Stabling, &c., "Berwick Lodge," Henbury, near Bristol, for G. L. Matthews, Esq. Semi-detached Residences, for A. N. Bromley, Esq., & W. F. M. Webb, Esq., Nottingham Park. Residence, for Dr. Uhthoff Brunswick Place, Brighton, Sussex. New Rectory, for the Rev. T. B. Hardy, Bulwell, Nottingham. The Prudential Buildings, Nottingham, for the Prudential Assurance Co.

Inger, John, St. James St
Keeling, B., 140, Burford Rd
Kent, Enoch, Bangor St.

Nottinghamshire—*continued.*

Lawson, Philip, St. Ann's Well Rd
Lee, Fredk., 9, Massey St., Blue Bell Hill, [illegible]
Lewi[illegible] Netherfield
[illegible] North [illegible] St.
Maule, W[illegible] Mansfield Rd.
Messom, F., Bangor St.
Musson, John, Carrington
Oscroft, J., 8, Lower Talbot St.
Pillott, Geo. A., Upper Parliament St.
Price, J. F., Ebury Rd., Sherwood Rise
Priestley, Arthur, North St.
Scott, H., & Son, Chaucer St.
Shaw, J., 31, Sherwood Rise
Skerritt, John, 19, Bilbie St.
Smart, G., 57, Brierley St.
Thomas, J. G., Lenton Boulevard
Thumbs, S., 26, Canal St., Road Contractor
[illegible]ton & Co., 247, North Sherwood St.
V[illegible]ors, H. (Sen.), Waterway St.
Vickers, J. H., 25, Parkinson St.
Wartnaby, F., 23, Heskey St.
Wheatley & Maule, Sherwood St
Whittaker, T., 17, Pinder House Rd
Whitton, W. H., 47, Robin Hood St
Wibberley, W. R., 11A, Wollaton St
Woodsend, W., Castle Gate
Woodward, Edwd., Maytield Grove
Wool, Chas. Frederick, 21, Curzon St.
Wright, James, 18, Lenton Boulevard
Wright, John, & Son, 59, Raleigh St
Wright, John, 24A, Canal St.

[illegible], nr Mansfield

Warner, John

[illegible]

Bar[illegible], D

RADFORD

Chambers, Isaac, 249, Ilkeston Rd
Gell & Son, Roden St
Goodband & Franks, Guthrie St

RETFORD

Fenton, Geo., North Ter
Fish, Jonathan, Dominie Cross Rd and Joiner
Hopkinson, Thomas, 3, London Rd
Hurst, George, Carolgate Bridge
Ledger, George, Spital Hill
Swannack, E. & C., Grove St.
Wilson, John, North Rd

SOUTHWELL

Lee, Robert, Westgate
Noble, R. & G., Church St.
S[illegible], Robert, Easthorpe

STAPLEFORD, Nottingham

Long, J., Lawrence Rd
Martin, F., St. James Ter
Martin, [illegible], Nottingham Rd
M[illegible]

SUTTON-IN-ASHFIELD

Boot, H., Forest St
Hibbert, S. D., High Pavement
Ives, Wm., Victoria St
Shaw, H., Earlsfield Side

WARSOP

Eastwood, A.

WORKSOP.

Dett, C., & Sons, Gateford Rd
Marlow, W., New Rd
Rawson, [illegible], Portland Works
Lollitt, J., & Son, Newgate St.
Ward, A., Gateford Rd

Oxfordshire.

ADDERBURY, Banbury

Spencer, W. H.
Townsend, W.

BAMPTON, Faringdon

Stone, John, Broad St.

BANBURY

Booth, F. S., Butchers Row
Bloxham, W. J., 1, Warwick Rd
Claridge, W., East St., Grimsbury
Grant, John, 23, Middleton Rd., Grimsbury
Kimberley, J. S., Britannia Rd.
Kingerlee, T. H., Butchers' Row

ESTABLISHED 1854.

S. ORCHARD & SON,

BUILDERS

AND

CONTRACTORS.

BANBURY,

OXON.

BICESTER

Grimsley, T., & Son, The Causeway
Smith, J. W., Sheep St.

BLOXHAM, Banbury

Adkins, W.

BURFORD

Pether, Charles, High St.
Pether, W., The Green

CASSINGTON

Greene, John

CAVERSHAM

Bridgeman, A., Prospect St
Dormer, H., & Son, Gosbrook St.
Fisher, Wm., Emmer Green
Hutton, W. D., Hemdean Rd
Lewis Bros., Church St.

CHACOMBE, Banbury

Watkins, J

CHIPPING NORTON

Burden Bros., Pembroke St.
Hobbs, W. J.
Lewis, Sidney, Market St.

CROWMARSH GIFFORD, Wallingford

Bowden, H

DEDDINGTON, Oxford

Franklin, H. R.

DORCHESTER (Wallingford)

Kirby, J

DUCKLINGTON, Witney

Fisher, N
Lock, A

GORING-ON-THAMES

Higgs, T

GORING HEATH (Reading)

Winkworth, Thomas

HENLEY-ON-THAMES

Clements, C., Market Pl
Hobbs, B., 30, Hart St.
Macqueen, H., Bell St.
Walden & Cox, Bell St.
Weyman, J., 31, Market Pl.

HORNTON, Banbury

Miles, W

Oxfordshire—*continued.*

ISLIP, Oxon.
Steele, Edward

MIDDLE BARTON
Gramsley, W

MILTON UNDER-WYCHWOOD.
Groves, Alfd

NETTLEBED, Henley-on-Thames.
Holly, E.

NORTH NEWINGTON, Banbury
Busby, S
Harris F

OXFORD
Axtell, Thos., 9A, St. Aldate's St.
Benfield & Loxley, 107, Bullingdon Rd
Bennett, J, East Avenue, Cowley Rd
Brucker Bros, 8, St. John's Rd
Castle, G, 27, Pembroke St., Cowley Rd
Curtis, C., 17, George St.
Hutchins, S., 17, Kingston Rd
Knowles & Son, 36, Holywell St
Martin, F, 22, Divinity Rd
Money, J., 122, Kingston Rd
Organ Bros., 205, Cowley Rd.
Symm, J. R., & Co., 48, Little Clarendon St.
Wilkins Bros., Walton Well Rd
Wooldridge, J Tackley Pl
Wyatt, G., & Son, 67, St. Giles

STOKE ROW
Cox, J

THAME
Wells & Son

WHITCHURCH, Reading
Goodall, J

WITNEY
Barnes, W Corn St
Bartlett Bros High St
Bates, T Corn St
Bowerman, Ed. High St
Chestree, W High St
Clarke & Son High St
Lock J n Minster Lovell, near
Long, John, High St.
Paintin, J., Corn St.

WOLVERCOTE.
Robinson, C C

WOODSTOCK
Mitchell, James, Bear Lane

WROXTON, Banbury
Harris, W.

Rutlandshire.

COTTESMORE, Oakham.
Hollis, Henry

NORTH LUFFENHAM, Stamford
Dickens, Thos. W

OAKHAM
Cunnington, M, Whissendine
Nichols Bros., Melton Rd, and Station Rd.
Smith, Geo. C., South St.

UPPINGHAM.
Chapman, J, High St.
Dean, W, High St.
Dalby, John, High St.
Dorman, E. M., Adderley St. (and Mason)
Joyce Bros., Morcott, near

WHISSENDINE, Oakham.
Cunnington, M
Perkins, H

Shropshire.

BASCHURCH, Shrewsbury.
Payne, Jas., Prescott

BISHOP'S CASTLE
Bright, W C., Welsh St

BRIDGNORTH
Bate, W., 65, Whitburn St
Head, R., & Son, Whitburn St

BROSELEY
Smith, C. T., Church St.
Smitheman & Co., King St.

CRAVEN ARMS
Barker, H
Graves, J W

DAWLEY
Lavender J, Portland House
Rushton, I

HANWOOD, Shrewsbury
Chaloner, Thomas

IRONBRIDGE
Bailey T., Madeley Rd.
Nevett, R.

KNOCKIN, Oswestry.
Griffiths, Wm

LUDLOW
Grey & Watkins, Bell Lane
Squires, G., Corse St.
Turford & Southward, Galdeford
Weale, B., Gravel Hill

MEOLE
Rowlands, John, Post Office

MINSTERLEY
Blakemore, Edwd

NEWPORT
Muirhead, Geo. L.
Whittingham, E

OAKENGATES
Blakemore, J, Slaney St.
Bowler, J, Oxford St.
Millington, R. & J

OSWESTRY
Evans Thos., Oswald Rd
Evans & Wilkinson English Walls
Felton, ,
Jones, J. M., Junr, Welsh Walls
Nicolls, J, Roft St
Price & Higgins, Oswald Rd.
Pryce & Price-Jones, Arundel Rd.
Thomas, W H
Vaughan, A, Sandford

PREES, Whitchurch.
Powell, E

Shropshire—*continued.*

SHIFNAL
Bradney & Lloyd, Lizard Works

SHREWSBURY
Bickerton, G H., Abbey Foregate
Bowdler, William, & Co, St. Julian's Friars
Bullock, Geo., Abbey Mills Building Yard
Everall & Sons, The Priory
Farmer, Hy, English Bridge
Gethin, Jno., Frankwell
Jones & Son, 14 and 15, Butcher Row
Jones & Ward, 26, Abbey Foregate
Morris, Thomas, St. Austin's Friars
Nicholas, E. H., 141, Abbey Foregate
Pace, Thomas, Greenfields
Price, Hy., Welsh Bridge
Price, Rd., & Son, Coleham Building Yard
Pritchard & Sons, Frankwell
Richards, W, Abbey Foregate
Salter & Sons, School Lane
Southern, W W, Nobold
Swain, William, Wyle Cop
Treasure & Son, 16, Chester St
Williams & Son, Smithfield Rd

WELLINGTON
Bright Jonathan, Tank Bank
Corbett, Thos., Lady Croft Rd
Davies, Chas, Wrekin Rd
Edwards, Thos, King St
Roper, Alfred

WEM
Tommy, C H, 4, Noble St.

WEST FELTON, Oswestry
Vaughan, J, & Sons

WHITCHURCH
Corfield, J, Mill St
Dodd, G, Mill St
Edge, Geo., Wrexham Rd
Pickard, J, Dodington
Powell, R., Prees

WOORE
Hope, Knighton

Somersetshire.

BATH
Ambrose, S., 3, Railway Pl.
Amery, F, 19, Grove St.
Bladwell, H, Sydenham Wharf, Lower Bristol Rd.
Chancellor, E.
Erwood Bros., Portland Ter
Hayward & Wooster, Walcot St.
Howard, J, & Sons, Pulteney Works
Long, J., & Sons, Railway Rd
Mercer, E J. B., 32, Morford St.
Morris, Thos., & Son, 6A, Grove St.
Mould Bros., Westmoreland
Parsons, J., 4, Railway Pl.
Rogers, E. S., Canal Bldgs. (Stonemason)
Smith, B, Widcombe Hill
Tovey, W. & E., Lamparts Bldgs.

William Webb,

Builder,

Contractor and

Sanitary Engineer.

12, SOUTHGATE ST.,

BATH.

Wibley, C, 10, St. James' St.

BISHOP'S HULL
Rowsell, J H.

BRIDGWATER
Ashton, R., St. Mary St.
Bryer, C, Jun, Friarn St.
Chedzoy Bros, Camden Rd
Harris & Tapscott, Cranleigh Pl
Jarman, C, Dampiet St.
Ketch, J H., Salmon Parade
Palmer & Son, Wembdon Rd
Pollard, H. W, Monmouth St.
Popham, R., Bath Rd
Scott, F, Mount St.
Searle, , Clare St.
Squire, J., Monmouth St.
Stockham, T., 39, North St.
Willis, J., & Son, St. Mary St.

BRISTLINGTON (Bristol).
Poole, G. L.

BRUTON
Clarke, W., Junr, High St.
Hobbs, Thos., & Son, High St

BURNHAM
Emery, Jesse, Oxford St.
Harding, A., Alfred St
Hardwick & Pearch, Alfred St
Jones, Robt., Poplar Estate
Keats, James, Victoria St
Pople, W J, Victoria St.
Randell, George, Alfred St.
Rossiter, H., Poplar Estate

CASTLE CARY
Francis, J & L
Lydford, T

CLEVEDON
Green, W A., St. John's Avenue
Hardwidge & Gamer, Old Church Rd
Hill, Thos, Old St

CREWKERNE
Bond, J R
Lye & Sons

CURRY RIVEL, Taunton.
Webb, S. S, Wiltown

DOULTING, Shepton Mallet
Hodges J, Manor Farm
Thrask & Son

DULVERTON, R.S.O.
Fisher, George B

EVERCREECH
Allen & Son
Medlam, Jesse

FROME
Barnes, C., & Sons, 8, Long Ground
Chislett, Z. S., & Son, 32, Catherine St
Cockey, E., & Sons, Ltd., Bath St. (Iron and Brass Founders)
Hibberd & Palmer, Christchurch St. East

Somersetshire *continued.*

Hodder, J., & Sons, Broadway
Parfitt, T. 5, Nunney Lane
Seward, T. J., Butts R[illegible]
Singer & Son, Art Metal Works, Cork St.
Vallis, J., Christchurch St. East

[illegible]

Fisher, R. T., Benedict St.
Hawkins, H., & Co., Magdalen St.
Higgins, W. H., 10, Magdalen St.
Merrick, F., & Son, High St.
Score, R. T., Bove Town
Shattock, Alfd., High St.
Stead, Reginald I., Magdalen St.
Snow A.

HENSTRIDGE (Blandford

Case, Jas., High St.
Coombes, Josiah

HIGHBRIDGE, R.S.O.

Cox, Chas.
Horne, Geo.
Hucker, Fredk.
Marsh, John

HOLCOMBE, Bath

Badman & Son
James, F.

ILCHESTER

Beaton, Wm., Yeovilton

ILMINSTER

ESTABLISHED 1875.

ALEXANDER POOLE,

BUILDER & CONTRACTOR,

ILMINSTER.

Works executed include:

Blundell's School, Tiverton, Messrs. Hayward & Son, Archts. Town Hall, Wellington, E. J. Howard, Esq., Archt. Corn Exchange, Chard; H. Williams, Esq., Archt. Works for the Duchy of Cornwall, Samuel Hooper, Esq., Archt. Works for the Right Hon. Viscount Portman. Wilts & Dorset Banking Co.'s Banks at Yeovil and W[illegible], G. M. Silley, Esq., Archt. Endowed and Technical Schools at Ilminster, Messrs. Price & Wooler, Archts., and numerous other works.

KEYNSHAM

Carter, W., Bath Rd

LANGPORT, R.S.O.

Pittard, H.

LEIGH-UPON-MENDIP, Bath

Ashman, Thomas

MARTOCK, R.S.O.

Yandle, H. J., & Sons

MEARE, Glastonbury.

Stevens, A., Oxenpill

MIDSOMER NORTON.

Catley, A. W., High St.
Hill, Charles, Redfield Rd
Tovey, John

MILBORNE PORT.

Pitman, G. North St.
Reynolds, Alfred, & Son

MILVERTON, R.S.O.

Andrews Bros

NORTH PETHERTON

Chatworthy, I.
Townsend, F., & Son, Fore St.

OAKFIELD, Taunton

SAMUEL DERHAM,

BUILDER

AND CONTRACTOR,

OAKFIELD, TAUNTON.

Works Executed include—

Bradford, near Taunton—Model Farm Buildings, for W. H. WARRE, Esq., £3,800, C. H. SAMSON, Esq., Architect.

Taunton, the Huish's School, £2,700; J. H. SPENCER, Esq., Architect.

Villas, Mount Nebo Estate; F. W. ROBERTS, Esq., Architect.

OAKHILL, near Bath

Emery, S., & Son
Flower, Frances Gurney Slade

ODCOMBE, Stoke-under-Ham, S.O.

Kimber, G.

OLD CLEEVE, Washford, R.S.O.

Harrison, Wm.

PILL, Bristol

Smith, Charles

PORLOCK, Taunton

Bond, H.
Huish & Cooksley

PORTISHEAD

Biss, Geo., & Sons, High St.
Thomas, C. I.

RADSTOCK

Bird, J. Frome Hill

SHEPTON MALLET.

Cook, H. S., Longbridge House
Dodimead, S., Market Pl
Jones, G., Town Lane
Pullen, F. W., Commercial Rd
Pullen, J. H., West Shepton
Sansom, E., Carston St.

SPAXTON, [illegible]

Loxston, Alfred

STAPLEGROVE, Taunton.

Vickery & Poole

STOKE-SUB-HAMDON

Guppy, Wm.
Trask & Son

STREET

Huish, Fredk, Glastonbury Rd.
[illegible]
[illegible]

TAUNTON

Bond & Hitchcock, "Steam Plough Works

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
Jones, H., [illegible]
Morse, J., 5, Alma St.
Mountstephens, J., Priory Lodge, Canon St.
Payne, H., Canon St.
Phillips, Henry, & Son
Pollard, G. H., Wood St.
Poole, Jas. 31, Station Rd
Potter, W. Watcombe House, Rowbarton
Rendell, W., St. James's St.
Rowsell, F. W., 17, Alma St.
Southey, W. H., Tancred St.
Spiller, A. J., 12, Magdalen St.
Spiller, H. J., 31, Bridge S[t]
Spiller, Joan, Eastbourne Ter
Warren, Wm., [illegible]

WEDMORE, Weston

Wall, Solomon

WELLINGTON

Bond, Thos., High St.
Follett, W., Mantle St.
Twyford, J., Mantle St.

[illegible]

Bray, [illegible]
Cook [illegible]
[illegible]
[illegible]
Sheppard, H. A., 17, St. C[illegible]
Webb [illegible]

WICKS & SON,

Builders, Contractors, & Architectural Wood Carvers,

13, SADDLER STREET, WELLS, SOMERSET.

Works Executed include—

Reseating Shepton Mallet Parish Church in Oak, Architect (late) J. D. SEDDING, Esq.

Carved Oak Screen, Hildenboro', Kent; WADMORE, WADMORE & MALET, Architects.

Reseating portion of Wells Parish Church in Pitch Pine, Architects, HIPPISLEY & SONS.

Fitting up Stores in Pitch Pine, Somerset and Bath Lunatic Asylum.

[illegible]STBURY, near Wells.

[illegible], Ry. Station, Lodge Hill

[illegible]

[illegible]
[illegible]

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
Haynes, W., [illegible]
Palmer, J., Brambridge House, B[illegible]
[illegible]
[illegible], Swiss Rd
[illegible] J. N., Beaconsfield Rd
[illegible] R., Ashford House, [illegible]
[illegible] G., Prince of Wales Inn
[illegible] Gilbert, Jubilee Rd
[illegible] Bros., 20 & 21, Palmer St.

CHARLES TAYLOR,

BUILDER AND CONTRACTOR,

Elmleigh, Stafford Road,

Weston-Super-Mare.

WORKS EXECUTED INCLUDE:

Printing Offices of the "Weston-Super-Mare Gazette," contract £3,300, S. J. Wilde, Esq., Architect.

Several Villas, Grove Park Estate, Messrs. H. F. Price and Wooler, Architects.

Large Villa, Cecil Road, Weston-Super-Mare; Messrs. H. F. Price and Wooler, Architects.

And various others.

Venner, W., Clevedon Rd
Vowles, J., Anstice Ter
Wilcox, J., Ash Cottage, Milton Rd
Wilcox, S., 1, Milton Rd

WEST PENNARD, Glastonbury

Sutford, John

WHITCHURCH (Bristol

Kingston, Wm.

WILLITON, R.S.O.

Chibbett & Son

WIVELISCOMBE

Nurcombe, F.
Richards, Thomas, Russell's Bldgs

YEOVIL

[illegible]
Bird & Tappar
Foot, Fredk., Kingston
Power, J. P., Kingston Works
Raymond & Pe[illegible], Middle St
[illegible], W[illegible] Vicarage St

Staffordshire.

ALDRIDGE, near Walsall

Insley, J.

BARTON, near Burton-on-Trent

May, T.

[illegible]TON

Fielding, J.

BILSTON

Johnstone, Thos., Dudley St.
Lowe, T., 45, Cambridge St.
Morrell Bros., Vine St.
Sansom, G., Wellington St.

BLOXWICH

Beard, Jas., High St.
Dunstone, T., Field St.
Freeday, W., Leamore
Marsh, [illegible], Leamore
Wootton, Samuel, The Green

BIERLEY HILL.

Bennett, S., & Son
Horton, C. A.

BROWNHILLS

Goodall, E., H[illegible]
Marklew, J., Chasetown
[illegible], Ogley Hay Farm

Staffordshire —*continued.*

[illegible]

[illegible]

Bennett, Nicholas, Newcastle St
Bott, W., 60, Newcastle St.
Bowden, J., Moor House
Brindley, J., Wedgewood Saw Mills
Broad, J. & E., Scotsa Rd, Joiners and Tilelayers
Cartlidge, W. & E., 40, Hanover St, Oven and Kiln Builders
Cartlidge, T., Edward St, Oven and Kiln Builder
Cooke, William, 55, Newcastle St.
Dunn, G. E., Wood St. (Oven and Kiln Builder
Elsby, R. C., [illegible] Wellington St [illegible] Macintyre St., Waterloo [illegible]
Grant, W., Hall St
Longden, J. J., St. Paul's St

BURTON-ON-TRENT

Chamberlain Bros., Uxbridge St.
Chamberlain, T., Stapenhill
Edwards, H., 55, Blackpool St
Forbes, Thos., Horninglow
Hodges, G., 115, Byrkley [illegible] and Derby St
Hunter, J. & C., 91, Moor St.
Kennard, Geo., Stapenhill
Kershaw, Richd., Princess St
Lewis Bros., Main St., Stapenhill
Lowe, T., & Sons, Union St., and Derby St
Maddocks, J., 90, Moor St.
[illegible] H., & Sons, 4, Hawkins Lane
[illegible] Waterloo St., and [illegible]
Stevenson, W. A., Horninglow St
Varlow, J., 39, Litchfield St
West, T., Horninglow Rd

[illegible]NNOCK

Reynolds, John

CAVERSWALL

Jewell, Walter

CHEADLE

Alcock, Wm., 3, Bank St.
Ball, W., Tape St

[illegible]SELEY

Jones, T.

CRADLEY HEATH

Dorse, H., and Co.
Hipkiss Bros., Maple Tree Lane, Colley Gate

DARLASTON

Bratt, W., Bilston St
Hammonds Bros., Mill Lane
Huskison, M., 46, Bull St
Lees, W. T., Rose Bank Villa, Slater St
Teece, Samuel, Bull Stake

ENDON, Stoke-on-Trent

Heath, [illegible]

FENTON

Challenor & Hughes, Albert Rd.
Embrey, H. P., King St

GORNALL, Lower

Worton, T.

GORNALL, Upper.

Watton, Thos., 40, Clarence St.

[illegible]NALL WOOD

Bur[illegible]n

HANDSWORTH, Birmingham

Archer, John, 190, Albert Rd
Hubert, T., Finch Rd
Moorhouse, J. E., Westminster Rd
Morrey, John, Heathfield Rd
St. John, W., Soho Rd
Smith, Esau, Hunter's Rd
Trentham, Geo., 34, Heathfield Rd
Webb, G. & S[illegible]
Webb, J. [illegible] Rd
White, J. [illegible]

HANLEY

Banks, T., New St
Bate, J., St. John St
Brereton, Edwin, Birch Ter., and Mollant St
Chatfield, T., New Hall St
Clarke, J. T., Market St
Cornes, C., Lichfield St, Joiner

TELEPHONE 119.

GEORGE ELLIS,

Builder and Contractor,

SAW MILLS,

HIGH STREET, HANLEY.

Works executed include—

Birmingham and District Bank Premises, Hanley, £4,842; Lloyd's Bank Premises, Newcastle-under-Lyme, £1,426; Conservative Club, Henley, £3,020; Staffordshire "Sentinel" Office Extension; Messrs. Twyford's Sanitary Works Extension; New Shop Premises, M. Huntbach & Co., Ltd., Hanley, Messrs. R. Scrivener & Sons, Archts. Shop Premises, Messrs. McIlroy Bros., Hanley [illegible] Hanley, £2,[illegible] G. W. Bradford, [illegible] Hanley [illegible] Hotel Extension [illegible] Messrs. [illegible] & Sons [illegible] St., Eastwood Vale, and Cauldon Road Board Schools, Hanley, £18,041

Ellis, Herbert, Upper High St

T. GODWIN,

BUILDER AND CONTRACTOR,

HANLEY, STAFFORDSHIRE.

Works Executed include—

The Abattoirs, Sessions Court, and Victoria Hall, Hanley; J. LOBLEY, Esq., Surveyor, **£9,000**
The Roman Catholic Church, Hanley; R. SCRIVENER & SONS, Architects, **£7,031.**
Cauldon Road and Glass Street Board Schools, Hanley; E. F. S[illegible] Esq., Architect, **£8,280.**
New Pumping Station and Cottages at Hatton, and Water Tower at Swynnerton; J. DAY HARRISON, Esq., Engineer, **£7,000.**
Higher Grade Schools, Birch Terrace, Hanley; E. E. SCRIVENER, Esq., Architect, **£10,550.**

Groom, F. W., [illegible] St
Groom, W., Birches Head
Hall, A., Lichfield St
Heath, T. E., Ashley St
Jackson, J., Park St.
Leonard, John, Hill St
Myring, E., Regent St
Ogden, A., Harley St
Roberts, E., 96, Mayer St
Salt, A. J., Victoria Rd
Stedman & Silvester, Birch Ter.
Tildesley, J. K., Church St
Ward, A., Jasper St
Ward, M., Pyenest St

HEATH TOWN, Wolverhampton

Beards, F. W., [illegible] St
Burton, C. W. E., Church St
Carver, H. & H., Wednesfield Rd

HEDNESFORD, [illegible]

Barton, Robert
Mason, Thos., Station St.

LEEK

Bailey & Morris, Mill St
Carding, M., Market Pl, Plumber
Grace, Thomas, Broad St
Hall, Wm., [illegible] St
Hardy, Hy., Regent St
Heath & Lowe, Alsop St
Hosta, Isaac, 11, Ball Haye St, Plumber, etc.
H[illegible], Jas., Shoubridge St
H[illegible], Fountain St
[illegible] W., Bath St
Kidd, W., Buxton Rd
Mackrel, T., Ford St
Phillips, E., Stockwell St, Plumber &c.
Ratcliffe, Geo., Shoubridge St
Ratcliffe, J., King St, Plumber
Salt, S., Overton Bank
Stevenson, G. T., 35, Derby St, Plumber and Decorator

LICHFIELD

Bridgeman, R., Quonians
Walmesley, Messrs., St. John St.
Wood & Son, 89, St. John St

LONGPORT

Foster, G. A.
Lindop, Geo., Porthill
Trenton, Wm.

LONGTON

Benmon, Peter H., Anchor Rd
Bromwage, T. S., Caudwell St
Pope, T. E., 14, Heathcote Rd
[illegible]
[illegible] & [illegible] M[illegible]
[illegible]
[illegible] W.

TOMPKINSON & BETTELLEY

Builders & Contractors,

LONGTON, STAFFORDSHIRE

Works executed include—

Two Semi-detached Villas at Stone, for Mrs. Stubbs, £1,401; A. P. Miller, [illegible]ght, Longton & Hanley. Two Villas, Blythe Bridge, for Mr. Brewer, £2,200. Branch of Lloyd's Bank Shops for W. M. Baker, Esq., £[illegible] Messrs. Scrivener & Sons, Archts., Hanley. Villa at Fenton, for P. Wagstaff, Esq., £8[illegible] T[illegible] Longton [illegible] Lynam, [illegible] Architect, Stoke-on-Trent. Cook Street Schools for the Longton [illegible] £4,097 T. P. [illegible] Longton Villa at [illegible] for Hy. Scarratt, Esq. [illegible] H. Wood, Esq., Architect, Tunstall.

Young & Son, Vauxhall St

MILTON, Stoke-[illegible]

Moss, [illegible]

NEWCASTLE-UNDER-LYME

Bloor, G., Liverpool Rd
Gallimore, J., Steam Joinery & Sawing Mills, Lower St.
Maddock, Thos., 17, Wharf St
Wilton, S., Broad St

PENKRIDGE

Gilbert, A.

RUGELEY

Jones, Edwd., Market St.
Mason, T., Station Rd
Moore, Jas., Sandy Lane
Morris, Joseph D., 22, Albion St
Samrock, J., Horse Fair

SEDGLEY

Hilton, J.

SHELFIELD, near Walsall

Harris, Robt.
Jones, Richard

[illegible]

Downing, G. K., Church St

STAFFORD

Adams & Pemberton, Wolverhampton Rd
Chatfield, W., 1, Bridge St
Dyke, George, Tillington
Espley, F., 10, Victoria Rd
Herbert, Thomas, 30, Wright St.
Jervis, J., County Rd
Nevitt, C. J., Bailey St.
[illegible], W., 68, Victoria Ter
Rutty, Robert, Browning St.
[illegible]
[illegible]
[illegible], 4, Mount St

STOKE-ON-TRENT

Ball & Robinson, Boothen Rd
Boston, T., Senr., London Rd
Breeze, J., 29, Copeland St
Hancock, G. W., Lonsdale St
Harris, George, Lovatt St., Liverpool Rd
Jones, William, London Rd
Meiklejohn, J., & Son, Hill St
Price, Leonard, South Wolfe St
Stanier, Jas., Moore Leigh Heath, Leigh
Yoxall, T. R., Trent Bridge

STONE

Marson, Thos., Victoria St
Merrick, H. J., 25, Lichfield St
[illegible]mmins, R., & Son, Lichfield St.
Whitfield, W., Newcastle Rd
Wilcox, Joseph, Newcastle St

TAMWORTH

Clarson, Charles, & Son, 7, Aldergate St
Watton, T., & Sons, Albert Rd
Williams, Edward, Church St

TEAN, St[illegible]

Yates, John

TIPTON

Beedle, H., Sheepwash Lane, Great Bridge, Plumber
Bott, J., [illegible]
Bott, John, Sheepwash [illegible]
Bram & Son, Prince's End
Brown, Edward, High St., Prince's End
Bunting, J. & Thos., W[illegible] St, Plumbers
Cox, T., & Son, Great Bridge
Davis, Wal[illegible]
[illegible]ias, W., New Hall St., Prince's End
Franter, Thos., New Cross St
Gittings, Jos., Bloomfield
Glover, Joseph, Providence St., Horsley Heath
Hartland, John, Bell St, Painter
[illegible] A[illegible]ey Heath, Plumber
Hollier, W., Great Bridge, Plumber
Holloway, Thos., [illegible] End Rd
[illegible]
[illegible]
Round, A., [illegible]
[illegible]
W[illegible], Hopkins St., Burnt [illegible]
Whick, Arthur J., Bloomfield Rd, Plumber
Whick, D. B., 24, High St., Prince's End, Plumber & Decorator
Whitehouse Bros., Prince's End
Whitehouse, J., Park Lane West

TUNSTALL

Brayford, Chas.
[illegible], High St
Goodwin, T., Phœnix St.
Grosvenor, John, America St
Proctor, John, Keele St
Smith, Charles, 4, Windmill St
Yorke, John, High St.

[illegible]

Gould, William

UTTOXETER, S.O.

Ward, Isaac, & Son

Staffordshire—*continued*

WALSALL

Kendrick, William, 1, Upper Walhouse St.
Lynex, Alfred [illegible]
Wistance, Willia[illegible] St

WALSALL WOOD

Cresswell, T. & E.

WALTON [illegible]

Parton [illegible]

[illegible]

France & Tranter [illegible] Hill
Hadley, J., Walsall Rd., Fallings Heath
M[illegible] W H., Walsall St.
Ph[illegible], H., Holyhead Rd
Smith, F J Kendrick St
Trow, W., & Sons, Meeting St
Williamson, G., 42, Stafford St.

WEDNESFIELD

Funfield, A. Prestwood Rd.
Whyman, T., New St

WEST BROMWICH

Chapman, T., Florence Rd
Cooke & Son, Victoria St Plumbers and Decorators
Fisher, W., & Son, 68, Paradise St
Hardy, T., 45, Lodge Rd.
Hazel, J., Victoria St
Jinks, R., Holloway Bank, Hill Top.
Mallin, Jno., Churchfield
Mayer, Thos., Albion
Sadler, Jas., George St.
Smith, H., & Son, Dial Lane, Hill Top
Sorril, G., Trinity Rd.
Woodward, R. & E., 7, Walsall St

[illegible]NHALL

Homer, Alfred, Little Clothier St
Moseley, J., & Sons, Stringes Lane, and Albion Rd
Tildesley, Thomas, New Rd.

WOLVERHAMPTON

Allchurch, Thos., Princess St
Bilson, John, 149 Penn Rd
Bradney & Lloyd, 8, Princess St.
Butler Bros., Old Hall St
Carding, Jos., St. Mark's Rd.
[illegible] G., Raby St., Cleveland Rd
Cockerill, J. Molineux St
Ford, C. H., 1, Mandor St
Gough, E., Cleveland St.

HENRY GOUGH,

Builder & Contractor,

Dudley Rd., Wolverhampton.

Works Executed include—

New Schools, near Lichfield, for the Burntwood School Board, £3,153; S. Loxton, Esq., Walsall, Archt. Additions to Moseley Village Schools for the Wednesfield School Board £1,161, G Hurst Stanger, Esq., Archt Villa Residence, at Willenhall, for Joseph Tipper, Esq., £1,931 New Schools at Gornal, for the Sedgeley School Board, £2 710 Area P Brevitt Esq., Archt. New Mission Church St Barnabas, Wolverhampton, £2,599 T H Fleming, Esq., [illegible] don, Archt. A [illegible] Wolverhampton [illegible] R. Veall & Son, Archts. Residence, Boston, for Dr Bailey, £1,800. St. Mark's New Schools Wolverhampton, £3,000, J Lavender, Esq.

HENRY GOUGH *continued,*

F.R.I.B.A., Archt. Electric Generating Station for Corporation of Walsall. £1 800, R. H. Middleton, Esq., Boro' Surveyor.

Guest, B., Church St.
Hallchurch, Thos., Wheeler's Fold, Princes St.

T. & S. HAM,

GENERAL BUILDERS,

31 & 32, MANDER ST.,

WOLVERHAMPTON

WORKS EXECUTED IN 1895 INCLUDE

Villa Residence, Lower Penn, for H Chilton, Esq., H Enches, Esq Architect, £950. Villa Residence, Penn Road, for R. M. Bigwood Esq., John Weller, Esq., Architect, £700.

Herbert J. [illegible] St
Hess[illegible], Gt. Bricklin St
Holl[illegible] J. C., 114, Gt. Bricklin St.
Hughes, E., Rose Cottage, Colman St., Whitmore Reans
Jones, F. Lindsay, Darlington St
Jones, John, Dudley Rd
Jones, John, 15, Clifton [illegible]
Lovatt, H., 68, Darlington St.
Manlove, H. E., Cardiff St.
Marchant, E. J., Ettingshall
Poulton, John, Lord [illegible]
Rollings, B., Powlett St
Ryan, J., Riches St., Whitmore Reans
Skett, E., Castle St.

THOMAS SKETT,

Builder and Contractor,

WOLVERHAMPTON

Works recently erected—

Tottenhall Hotel, for the Tottenhall Hotel Co., Wolverhampton. F. T Beck, Archt.

Two Villa Residences, Penn Fields, for J. T Chambers, Esq. John Weller, Esq., Architect, Wolverhampton.

Schools, Heath Town. J. H. Gibbons, Esq., Arct., Birmingham

Country Residence, Sedgley, for Miss Ballenden. Jos. Lavender, Esq., F.R.I.B.A., Archt.

Additions to Schools, Wolverhampton. F. T. Beck, Esq., Arct.

Wiley Bros., Bath Rd
Willcock, H., & Co., Darlington St.

WORDSLEY

Guest, J

Suffolk.

[illegible]

Burwood, W[illegible] St
Cooper & Son [illegible]
Knowles, G. O., High St
Stannard, J. E., High St

BECCLES

Allen, F. J., Station Rd
Calver, A., Blyburgate St
Dunn, G. A., Denmark Rd
Hinde, E. W., Station Rd
Woodroffe, T., & Co., Northgate St

BURY ST. EDMUNDS

Shillitoe, T., & Son, College Lane

CHELLINGTON

Earnshaw, Robt, Red Row

[illegible]

Rose, C

F[illegible]STOWE

Durrant, W. Orwell Works
Ward, Thomas, Cliff Works

HALESWORTH

Howard S., & Sons, New Cut

HAVERHILL

Arber, A. C
Hall, T. R., 2, High St. Joiner
Mason & Son, High St

FRED BENNETT

Builder, Contractor, Plumber, Glazier, Painter, Artesian Well Borer, Stonemason, &c.,

NEW STREET WORKS.

IPSWICH.

Telegrams: Fred Bennett, Ipswich

Some of the principal Works recently executed and now in construction in Ipswich and district are:

PUBLIC BUILDINGS

Ipswich Museum, Fine Art Gallery, Public Library; Parcel Post Office.

ADDITIONS TO COUNTRY MANSIONS & RESIDENCES IN SUFFOLK.

Easton Park, for His Grace the Duke of Hamilton; Broke Hall, Boulge Hall, The Grange Melton Lodge, Briarwood, Brook House, Edwardstone House, Cliff House, Tuddenham Hall, Bosmere Hall, Bergherst House.

ADDITIONS TO MANSIONS IN IPSWICH

Holy Wells, Orwell Lodge, The Moat, Stoke House, The Goldrood, Birkfield Lodge, Broadwater, Spurholt, &c.

RESIDENCES IN IPSWICH.

J Lummer Esq., E R Turner, Esq W O. Wo[illegible]aston Esq., F G M. Stoney Esq G [illegible] Esq., H. Mason Esq., A Beaumont, Esq G. A Biddell Esq., J. E. [illegible]some, Esq., W Midgeley Esq., J. Head, Esq.

BOARD SCHOOLS

For the Ipswich School Board, Trimley School Board, &c.

RESTORATION OF CHURCHES.

St. Peter's, St. Lawrence St. Helen's, St. Stephen (all in Ipswich), New Church at Henley.

FARM BUILDINGS.

Several on the Hon. Lord de Saumarez's Suffolk Estate.

Ditto on Captain E. G. Pretyman's Suffolk Estate.

Model Farm Buildings at Bawdsey, for W. C. Quilter, Esq., M P.

Capel Hall, for J. D. Cobbold, Esq.

MALTINGS

Three large Maltings on the Quay, for Messrs. R. and W. Paul.

One ditto, for J. D. Cobbold, Esq.

Malting for E. Fison, Esq.

FRED BENNETT *contd.)*

SHOPS AND TRADE PREMISES

M[illegible] with [illegible]

W[illegible] and [illegible]

ALTERATIONS TO SHOPS

[illegible] Messrs. Smith [illegible]

FOUNDRIES

The entire Foundry Buildings for Messrs. Ransomes and Rapier

[illegible] Orwell Works for Messrs [illegible] Sons and [illegible]

Ditto [illegible] Foundry for Messrs [illegible]

Alterations at [illegible] Foundry for Messrs [illegible] and Co Ditto to Foundry for Messrs. [illegible] of W[illegible]

FACTORIES FOR

Messrs W[illegible] Messrs. [illegible]

WAREHOUSES FOR

Messrs [illegible] Ipswich Gas Company Messrs [illegible] W Paul, Messrs Burton

SETTING STEAM BOILERS

Ipsw[illegible] Works [illegible] Messrs [illegible] Printing Works [illegible]

BREWERIES

[illegible] for Messrs Catch[illegible]

[illegible] Esq [illegible] for Messrs [illegible]

HOTELS & PUBLIC HOUSES

[illegible] House [illegible] Horse Hotel [illegible]

STABLES FOR

[illegible] Major [illegible] Woodbridge [illegible] Lodges, Ipswich, [illegible] Singleton Esq., Woodbridge Road, Ipswich, Bath [illegible] for J. D. Cobbold, Esq.

CHIMNEY SHAFTS

At Messrs. Packard and Co.'s Works, Bramford, Messrs. E R and F. Turner's Foundry, Ipswich, Messrs Ransomes and Rapier's Foundry Waterside Wks., Ipswich

DRAINAGE WORKS

Complete System of Drainage and Sanitary Improvements at Easton, Glemham, and Hare Parks, for His Grace the Duke of Hamilton; Marlesford Hall for Mrs Schreiber, Sections of the Arterial Drainage at Ipswich.

ROADS.

Several for the Freehold Land Society, Belle Vue Road for British Land Company, Ashmore Grove Road, for J Lang, Esq. New Road for the Ipswich [illegible]

MISCELLANEOUS WORKS

Gymnasium for the Ipswich Grammar School, Ditto for the Young Men's Christian Association Swimming Bath for Ipswich Endowed Grammar School, Class Rooms for ditto, Oil Mills for J. Fison, Esq., Flour Mills, Bramford, Reservoir for the Ipswich Water Works Company, Retort House for the Ipswich Gas Company, Foundations for Gasometer for ditto, Foundations for Turret Green Chapel, Gas Offices, Carr St., Girls' Club, Carr St.

WELL BORING

Over 40 deep tube borings throughout the County from 4 to 15in diam.

Artesian Well for Messrs Wells and Co., Kensington Brewery, London.

Suffolk—*continued.*

Borrett, C., 1, Metz St
Catelpole, E., Princess St.
Crisp & Smith, Orwell Pl
Dunn, E. G., Bramford Rd
Double, G., Kirby Lodge, St. John's
Friend, A. L., Princes St.
Girling & Coe, 1, Wellington St., and Crown St. Works
Grayston, W., 24, Argyle St
Grimwood, G., & Sons, Corn Exchange Chambers
Groom, J., & Son, Warwick [illegible] Ecclesiastical Carvers
Kenney, G., Army Works, Burrell Rd
Kenney, S., Burrell Street Works
Marriott & Bennett, Brooks Hall [illegible]
Parkington, T., & Son, St. Margaret's Works
Roper, C., 65, Cemetery Rd
Stearn, A., & Son, [illegible] Upper Brook St

[illegible]

Howse, James

[illegible]LEY

Ashby, John
Brady & Todd, London Rd., South Carpenters
Cox, A., London Rd., South
Kemp, Owen, Merton Rd
Mills, G., Southwell Rd. Bricklayer

LEISTON, R.S.O.

Gibbs, W. H., & Son, Bank House
Simmonds, G., & Son

LONG MELFORD, [illegible]

Theobald [illegible]

LOWESTOFT

Alerton & Earl, Milton Rd. [illegible]

JOHN ASHBY,

[illegible]

Florence House, Ashby Rd
LOWESTOFT
Works, Norwich Road, West

Mill Road and Horn Hill Joinery Works, South Lowestoft.

Works Executed
New Roads and Sewers, West [illegible] Street Estate
Four Houses [illegible] Shops, Trafalgar St
33 Houses, Norwich Road
37 [illegible] Road
44 Houses, [illegible]
[illegible]
A[illegible] Additions to [illegible] High Street, [illegible] Society for Providing Homes for Waifs and Strays, Stanley [illegible] F.R.I.B.A., Victoria Street [illegible]
[illegible]
2[illegible] Grosvenor Road, South [illegible] Thomson, Surveyor
5 Residences, [illegible] A. F. Scott, Esq., Norwich, Surveyor
Detached Residence, Kirkley Cliff, W. S. Thomson and C. Crosie [illegible]
Alterations and Repairs to Park [illegible] North Parade, Lowestoft, &c., &c., &c.

Barber, R., Morning Star, Mariners St. Carpenter

Beckett, G. W., 1, 2, and 3, Factory St. Carpenter
Bedwell, A., Roman Lodge, Alexandra Rd
Bunderfield, J., Denmark Rd
Brett, R., Alexandra Rd
Cole, C. R., 88, St. P[illegible] St
[illegible] Villas, South Lowestoft
Gill, W., 37, Clapham Rd
Horth, R., 15, Factory St., Bricklayer
Knights, W., 43, Clapham Rd
M[illegible] Marine Parade [illegible]
[illegible]
Sa[illegible], Grove Rd
Swatman, R[illegible], Milton Rd
Wellam, J., The Grove
Wilkins, W. (Exors. of), Alma Rd
Woolnough, J., Marine Parade [illegible]

MONKS ELEIGH, Ipswich.

Hawkins, G. R.

NAYLAND, Colchester

Deaves, W., High St

NEEDHAM MARKET

Theobald & Sons, High St

SAXMUNDHAM

Cutting & Sons
Gibbs, W. H., & Son

SOUTHWOLD

Adams, H.
Allen, R. J., High St

STOWMARKET

Andrews & Murray, Tavern St.

[illegible]

Ilston, [illegible]

ESTABLISHED 1832.

G. GRIMWOOD & SONS,

Builders & Contractors,

St. Gregory's Works, Sudbury,

SUFFOLK.

Works Executed include—
Foxearth New Tower and Spire; H. Woodyer, Esq., Archt. Cambridge—Portion of Girton College; A. Waterhouse, Esq., Archt. Ipswich New Corn Exchange & Municipal Buildings, £25,000; Brightwen Binyon, Esq., Archt. Bury—New Grammar School; Sir Arthur Blomfield, Archt. Sudbury—New Catholic Church; Leonard Stokes, Esq., Archt. Swindon—Mechanics' Institute; Brightwen Binyon, Esq., Archt. Mansion at Stanmore, Brighton Binyon, Esq., Archt. Government Works at Aldershot, Colchester and Ipswich. Numerous Restorations to many Churches, under eminent Architects.

H[illegible] A[illegible]
[illegible]ford, Wa[illegible]

[illegible]

[illegible]

[illegible]

Grimwood & Bullen

[illegible]

Parker, J.

Surrey.

ABINGER HAMMER

King, W. & G.

ADDLESTONE

Bolton, W., Station Rd
Brown & Sons, off Station Rd
Martin, G., Station Rd

ALBURY HEATH

Browne, J. S.

ASHTEAD.

Haseman, J.
Hughes, John, Junr., Station Rd.

BANSTEAD

Peters, Robert, Burgh Heath
Taylor, W.

BARNES

Hill, J., 7, Archway St
Sale, A., & Sons, High St

BEDDINGTON

Dawson & Sons
Trappitt, J. W., Church Lane

BETCHWORTH.

Debenham, D.

BLETCHINGLEY

English, T., & Son

BRAMLEY, Guildford

Brown Bros
Jackson, J.

BURSTOW, Horley.

King, Alfred, Smallfields

CAMBERLEY.

Dungay, J.

CARSHALTON

Burmand, E. J.
Clark, Hy
Evans, S. J., West St.

CATERHAM

Bryant & Cheeseman, The Cottage
Curtis, W. J., William Rd
Burman, W., Upper Caterham
Marchant, R., Godstone Rd., Caterham Valley
S[illegible], Caterham Valley
Thompson, Wm., Croydon Rd., Caterham Valley

CHARLWOOD, Horley

Wilkins, F.
Wilkins, Abraham

CHEAM.

Ockenden, W. G., Park Lane

CHERTSEY

Blay[illegible]
Hunt, R. J., [illegible] St.
Knight, T., & Sons, London St.
Nesmyth, H. G., Guilford St
Wells, Geo., Grove Rd

[illegible]

Newland, A.

COMPTON, Guildford.

Heal & Jackson

CRANLEIGH.

Holden, E. & J. H., Steam Joinery Works
Stanton, W.

CROOKHAM

Kent, J., Church Crookham

CROYDON

Bailey, W. J., 13, Cherry Orchard Rd.
Barker, D. W., 52, Church Rd
Batley & Linfoot, 42, Birdhurst Rise
Bex, J. R., Wyche Grove, Brighton Rd

E. P. BULLED & CO.,

Builders

and Contractors,

STRATHMORE ROAD,

CROYDON.

References to well-known Architects upon application.

Bullock, A., 28, Tanfield Rd.
Docking, F. R., Opposite Public Hall, Decorator and Plumber
Gardner, R. J., 83, Chelsham Rd. Decorator

E. GOULDER,

Builder and Contractor,

SANITARY ENGINEER,

64 & 65, Waddon New Road,

CROYDON.

References Given of Works Executed under Architects.

Plumbing, Hot Water Fitter, Electric and other Bells, Drains Tested and Relaid.

H[illegible] North End
[illegible] Rd.
Horrocks, J., Steam Saw Mills, The Oval
Huntley Bros., Broad Green, West Croydon
Keen & Son, 40, Church St. Decorators
Maides & Harper, Albert Rd
Marriage, W., & Co., The Oval
Nottle, W., 18, Limes Rd
Ridge & Broughton, [illegible], Church Rd. Decorators
Saunders, E. J., 1, Drummond Rd.
Smith, W., & Son, 177, London Rd.
Taylor, M., Southbridge Rd
Umlandt & Nichell, 15, Cherry Orchard Rd
Waller, D., Junr., 81, Church St
W[illegible], Duppas Hill Lane

[illegible]

Carter, A. J., [illegible] Rd
[illegible]
Edser, W., [illegible]
Goddard & Sons, Knoll Rd.
Ham[illegible] Bros., West St
Pledge, J., 27, Falkland Rd.
Shearburn & Co., [illegible] Joinery Works, South

Surrey—*continued.*

EGHAM

Gray, Geo., High St.
Hazlewood, G W., Queen's Rd.
Oades Bros., Station Rd
Ship J., Station Rd
Simpson, A., & Co., High St

ENGLEFIELD GREEN

Beauchamp & Rowland, Victoria St.

EPSOM

Chivington, W. J., 1, Ashley Rd.
Chuter Bros [illegible]
Furniss Bros., High St.
Gray & Son, West St.
Jeal, J. A., Ashley Rd
Longhurst, E., East St.
Nye, G., High St
Robins, S., Heathcote Rd

ESHER

Garrod & Taylor
Shute, F., Wolsey Rd

EWELL

Hards, Mrs S., High St.
Killick, W., High St

FARNHAM

Chamberlin, R., 32, West St
Lamond, T., & Sons, Castle St
Figg, A. J., Castle St.
German, W
Goddard & Sons, East St.
[illegible]
[illegible]
[illegible]
Tompsett & Kingham, Steam Joinery Works

FRENSHAM, Farnham

Chater, A

FRIMLEY

Kemp, G., Frimley Green

GODALMING

Fry, D., Carlos Rd
Hall, T. F., [illegible] Works
Horn, George, High St
Humphreys, J. W., Boro' Rd Joinery Works
Mantle, J. G., Rock Pl
[illegible]
[illegible]
[illegible]

[illegible]

Churchill, T.
Hitchcock, [illegible]

GUILDFORD

Bullimore, F. H., Tunsgate
Capp, W., 1, Stoke Fields
Downes, S. E., Park Rd., Stoke
Ellis, S., 28, Chertsey St
Higlett & Hammond, Onslow St.
Johnson, A., Mulmead

P. C. MAY,

Builder

and

Contractor,

GUILDFORD.

Smith, Robert, Bury Fields
Swayne, G. W., & Sons, Farnham Rd.
Strudwick, A., Lea Pale Rd.
Swayne, Thos., Stoke Rd.
Wood, Robert, North St

HASLEMERE.

Chapman, E., Upper Grayshott, near Grayshott, W

HERSHAM, Walton-on-Thames

Faulkner, L., & Sons, Iron founders, &c

B. INGRAM & CO.,

BUILDERS AND CONTRACTORS,

HERSHAM, WALTON-ON-THAMES.

Works Executed include—

Stables, &c., "Eddlewood"; G. Vigers, Esq., Archt.
Alterations and Additions to the Congregational Church, Hersham; W Howard Seth-Smith, Esq., Archt.
Shepperton Rectory, E. A. Jackson, Esq., Archt.
Ashley Park Hotel; late T. H. Sparkes, Esq., Archt.
The Mount, Oatlands Park; H. L. Hill, Esq., Archt.
Board Schools, Pyrford; C. Welch, Esq., Archt.
House, Fairmile; W. A. Aickman, Esq., Archt.
Alterations and Additions to St. George's Lodge, Weybridge; Paxton H. Watson, Esq., Archt.
Additions to Board Schools, Hersham; F. Le Rossignol, [illegible]

HOLMWOOD, Dorking

Pierce, W

HORLEY

Blundell, W., Horley Row
[illegible] J., Lumley Rd
[illegible] Massetts Rd
Scott, W., Salfords

KENLEY

Bryant & Cheeseman
Mowger, J

KEW

Blasby, B. E., Cumberland Works
Harper Bros., Kew Gardens

KINGSTON-ON-THAMES

Cunliffe, W., Cromwell Rd
Gaze, W. H., Union St
Gosling, W., & Sons, 1, Orchard Rd, Plumbers & Decorators
Hamilton, G., 45, East Rd, and Plumber
Havell, G. F., [illegible]
Judd, D., Manorgate Rd
Lane, W., & Son, London St
[illegible]
[illegible]
[illegible]

LEATHERHEAD

Batchelor, W. H
Brown, [illegible]
Skilton, H., Bridge St.

LIMPSFIELD

Loveland, J

LINGFIELD.

Dives, T. E
Head, W. & R.
Penfold, W
Wallis, H., Lingfield Common

MERSTHAM, Redhill

Whitaker, [illegible], High St

MITCHAM

Haydon, H. W., Vine House, Church St
Hazell, W., Beddington Corner
Howard, T. G., Lower Mitcham
Lawrence, M. A., Upper Mitcham
Sayers, Chas., Causeway

MORTLAKE

Burns, John
Hughes, R. T., Sheen Lane

MOLESEY EAST

Potterton, E.
Wheatley, J., & Sons, Bridge Rd

NEW MALDEN

Mitchell, [illegible], Cambridge St

NORBITON

Collings, J. J., Victoria Rd
Oldridge, C., & Sons, London Rd.

OXTED

M[illegible] & Son, Station Rd

PIRBRIGHT, Woking

Faggeter, J., & Son, Bijou Villa

[illegible]

Arnold, W., Brighton Rd, Decorator
Bagaley, W., & Sons, Mead Vale
Buckland & Waters, Shrewsbury Rd

J. J. CARRICK,

Builder, Contractor,

HOUSE DECORATOR,

MONSON ROAD,

REDHILL, SURREY

Works executed [illegible]

Market Hall Redhill. Taking out Old Stone including Pediments, refacing with Bargate and Bath stone dressings to front, Messrs. Clayton & Black, Archts., Brighton
New Technical Institute, Redhill, for Borough of Reigate and Surrey County Council, Messrs. [illegible] & Penfold, Archts., [illegible]
4 Semi-detached Villas Merstham, for R. Shields, Esq., T. R. Hooper, Esq., Archt.
2 Semi-detached Villas, Gatronk, Charlwood, for F. Stevens, Esq
New Detached Residence, for E. F. Hubbuck, Esq., London Rd., Redhill, T. R. Hooper, Esq., Archt
Alterations and Decorations, "Woodcroft," Redhill, Messrs. Read & Ma[illegible], Oxford St., London, W
Drainage and Sanitary Work to above, under the London Sanitary Protection Association, C. E. Gritton, Esq., A.M.I.C.E.
Decorations, "The Hawthorns," Redhill, for E. F. Hubbuck, Esq.
Decorations, "Ringwood," Redhill.
Drainage and Sanitary Work to above, under the London Sanitary Protection Association, W. H. Parry, Esq., E[illegible]

Cook, W. H., Linkfield Lane
Martin, G., Fengates Rd
[illegible], Ezekiel, Beach House, Brighton Rd
Room, G., Brighton Rd
Venner, A. W., Sunnyridge, Ridgeway Rd
Wilkinson, W. F., Station Rd
[illegible]

REIGATE

Apted Bros., Doods Rd
Bushby, Thos., West St.
Holdsworth, E. J., West St
[illegible]
[illegible]
[illegible]
Nightingale Bros., West St
Peat, R., 22, Croydon Rd
Waycott, J., Holmesdale Rd
Wickman, W., Effingham Rd
Young, Geo., Lesbourne Rd

RICHMOND

Carman, Alfred, The Green
Cole Bros., 2, The Vineyard

CHAS. ELDRIDGE,

BUILDER & DECORATOR,

ORMOND RD., RICHMOND

AND

S. MARGARET'S RD., TWICKENHAM

Structural Alterations, —
— Decorations, &c., efficiently carried out to Architects' Designs.

References to Architects under whom Works have been executed can be supplied.

Gascoyne & Blake, Onslow Rd.
Hampton, [illegible] Sheen Rd
Heasler, G. W., Hill Rise
Lansdown & Co., Eton St
Lillywhite, A., Onslow Rd
Randall, R., Magnolia Cottage, Kew-foot Rd
[illegible]
[illegible]
[illegible]
Speechley & Smith, Excelsior Works, Kew Rd., and 43, Hill Rise
Sweet & Loder, Sheen Rd

ROEHAMPTON, Barnes.

[illegible]
[illegible], High St
Marlow & Sons, Millfield

SHALFORD, Guildford

Mitchell Bros

SOUTH NUTFIELD

Bryant, T. L., Mill St

[illegible]

[illegible]
[illegible]
Bubbs Bros., [illegible], Warwick Grove, Surbiton Hill
Dunn, Thos., Gate House, Hook Rd.
Lane, E., Victoria Rd
Sease, R., & Son, Ewell Rd., Surbiton Hill
Tomkinson, [illegible], 81, Brighton Rd.
[illegible], 35, St. Andrew's Sq.

SUTTON

Adams, H., & Co., Victoria Works
Balchin & Shopland, High St
Burrage, G. J., Lower Rd
Harris, A. H., Blackwater, High St
H[illegible] J., Carshalton Rd.
Potter, J. B., St. Edmund's, Trowley Rd.

Surrey *continued.*

Henry Rogers,

Builder and

Decorator,

Registered Plumber, &c.,

113, HIGH STREET,

SUTTON, SURREY.

[illegible]

THAMES DITTON

[illegible]nam, W., Portsmouth Rd

WALLINGTON

Anderson, J. N., 1, Boxall Terrace, Clifton Rd
Burnand, E. J., Woodcote Rd
Claridge, F. H., Stafford Rd
Clark, Hy., Grosvenor Rd
Evans, J., Wallington Corner
Howe & White, 4, Danbury Ter., Manor Rd
Owen, R., [illegible] Stafford Rd
Stewart, D., & Son, [illegible] Rd

WALTON-ON-THAMES

Clutty, A. J. & A.

WARLINGHAM

JOHN QUITTENTON,
BUILDER,
ROAD CONTRACTOR & CARMAN,
WARLINGHAM.

Works executed include—

S[illegible] detached Villas at Warlingham, Additions to House and new stabling, White Lion Hotel, Warlingham, Ed. Saunders, Esq., Architect. Additions for Warlingham School Board, Messrs. C. & F. Rutley, Architects and Surveyors. Ship Hotel, Tatsfield, Surrey, [illegible] Chart, Esq., Architect. R[illegible] of Farm Buildings after fire, Messrs. C. & F. Rutley, Architects. Six [illegible]ttages, Warlingham, [illegible] M[illegible]nstone, Esq., Architect. N[illegible] [illegible] and Bridges at Thames Ditton; Messrs. C. & F. Rutley, Architects, &c.; Roads, Alton, [illegible] Messrs. C. & F. Rutley, Architects. [illegible] Roads and Kerbing, Elms [illegible] Warlingham, R. Gover, Esq., Surveyor. Erection of House at Woldingham, Surrey; L. V. Hunt, Esq., A.R.I.B.A., Architect. Also Res[illegible] [illegible]hton, early English [illegible] Messrs. Johnston & Figgis, Architects.

J. & J. WARD,
(Richard Ward)
[illegible]
[illegible] &
DECORATORS.
STEAM JOINERY WORKS,
Warlingham, Surrey.
[illegible] given for all kinds of Repairs

J & J WARD—*continued.*

Works executed include

Board Schools, Mitcham Road, Croydon, £10,000, and at Warlingham and Whyteleafe; Messrs. Rutley, Architects. Board [illegible] Upper Caterham, Caterham Valley and Sanderstead; R. [illegible] Architect. The [illegible] Architect [illegible] Four Houses, [illegible] and Newdigate [illegible] Hate and Stout, Esq., Architect [illegible] Rd and [illegible] Streatham [illegible] Architect. A[illegible] [illegible]ge and small Residences within a radius of 20 miles.

WEYBRIDGE

Brown, S., Station Rd
Horsell, C., Elm Grove Rd
Jarvis, G., Church St
[illegible], S., Baker St
Young, J. W., Baker St

WHYTELEAFE

Bryant & Cheeseman

[illegible]

Berry, W., 42, High St
Bird, A. G., 26, West P., The Common
Brasier, J., Strachan H., Wimbledon Station

J. BURGES,
BUILDER & CONTRACTOR,
NORMAN ROAD,
S. WIMBLEDON.

Works executed and in progress include—

New Billiard Room and Rooms over—to Wandle Bank House, Wimbledon, for Ald. Fenwick, J.P.
Additions and Sanitary Improvements to Wimbledon Parochial Schools; H. G. Quartermain, Esq., At.
New Vestries and Organ Chamber, to Holy Trinity Church, Wimbledon, H. G. Quartermain, Esq., Archt.
New Residence for F. G. Samson, Veterinary Surgeon, Upper Mitcham; R. M. Chart, Esq., Archt.
New Residence for H. S. Coldicott, Esq., Solicitor, Lower Mitcham; R. M. Chart, Esq., Archt.

Collings, F., Dur[illegible] Park
Crouch, J., [illegible], Victory Rd
Dowd[illegible] Bros., Crooked Billet
Gabbard, T., 37, High St
Harmer, Henry, Worple Rd
James, W., [illegible], Thornton Rd
Keele, J. [illegible]
[illegible]

PARSONS & TOWNSEND
Builders, Decorators,
Sanitary Engineers, &c.,
WIMBLEDON
Established Three Quarters of a Century.

Works executed include:—

New Model Dwellings, for the Working Classes, Wimbledon, for the Right Hon. Earl Spencer, K.G., £7,200; Designed by M. Allen and Son. New Range of Greenhouses

PARSONS & TOWNSEND—*(continued)*

and Sundry Works at Wimbledon House, for Sir H. W. Peek, Bart., £3,473. New Church of St. John the Baptist, Wimbledon, under T. G. Jackson, Esq., M.A., A.R.A., F.S.A., Architect, [illegible], Buckingham Street, Strand, £9,700. Additions, Alterations, Re-decorations, &c., at "Cannizaro," Wimbledon, for Mrs. Leo Schuster, £1,400; Wm. Eve, Esq., 10, Union Court, E.C., Architect. The "John Miland" Almshouses, Wimbledon, £687, T. N. Laslett, Esq., 37, Walbrook, E.C., Architect. New House and Stabling in Wimbledon Park, for Percy Mortimer, Esq., £3,800, John Nicholls, 8, Craig's Court, S.W., Architect. New Trinity Presbyterian Church of England, Wimbledon, £5,122, Architects, Messrs. Potts, Son and Hennings, 1, Furnival's Inn. Alterations, Additions, &c., at "Oaklawn," Wimbledon Park, for C. O. Barker, Esq., £1,570, W. [illegible], Esq., Architect. New House, "Homeside," Wimbledon Common, for Sydney Smith, Esq., Ed. J. May, Esq., Architect. Sundry Sanitary Improvements, under the Sanitary Protection Association, [illegible] Messrs. Mark Judge, Robert Reid, Ernest George, F. H. Anson, Keith D. Young, Roscoe, Brodie, &c., &c.

Surrey *continued.*

Price & Price, 10, St. George's Rd., and St. Mark's Pl
Sullock, J., 39, St. George's Rd
Triggs, Jas. Alexander Rd
Whitehead Bros., 21, Hill Rd
Wingett, E., & Son, 22, Hartfield Rd

WITLEY, Godalming.

Milton, Frank

WORCESTER PARK, S.O.

Oxenham, A.

WOKING

Allard, Geo., Church Path
Butt, W. J., Chertsey Rd
Gale, A. A., Maybury Rd
Harris, J., & Son, Woking Station
Ingram, Hy., & Sons, Goldsworth Works
Roake, W. R., Cheapside, Horsell
Whitburn, J., Woking Village

WRECCLESHAM, Farnham.

Blake, W., Shortheath

Sussex.

ARDINGLY

Box & Turner, Hapstead

BEXHILL

Adams, A., Sidley
Barker & Rogers, Wilton Rd
[illegible], Wilton Rd
[illegible], Sea Rd., Little Common
[illegible], Chas. Hy., Brookfield, Albert Rd
[illegible]
[illegible] Victoria Rd
[illegible] W. G., Wilton Rd
[illegible]
[illegible] Station Rd
[illegible] Rd
[illegible] T., 5, Station Rd
[illegible]g, G. L., Marlborough House, Marina
Thomas, C., Western Rd
Webb, J. W., 1, E[illegible]y Rd

BILLINGSHURST

Mitchell, A., South St
Spooner, Henry, Loxwood, near
Wadey, F., Parbrook
Wadey, J., & Sons, Five Oaks

BOGNOR

Booker Bros., Beaumont Yard, Glamis St
Gibbs, H. H., Lyon St
Jenkins, [illegible], Linden Rd
Pratt, W., London Rd
Start, T., London Rd
Tate, William, 7, High St.

BRIGHTON

Aden, R., 125 & 126, Lewis Rd.
Allfrey, W., 36, Russell St
Ashdown, W., 2, Ivory Pl.
Baker, J., 21, Portland St
Barber & Oliver, 88, Church Rd., Hove, 54, Jubilee St., and 11A, Norton Rd.

James Barnes.
Builder & Contractor,
99 & 100, NORTH STREET,
BRIGHTON.

Works executed include—

Aldrington Church, Portslade, Sussex, Messrs. Carpenter & Ingelow, [illegible]
Completion of No. 1, Grand Avenue, Hove, Brighton, [illegible] Sewell, Esq., At.
Rebuilding Nos. 63, 64, 65, and 66, North St., Brighton; B. H. Nunn, Esq., Archt.
Additions to Girls' H[illegible], Montpelier Road, Br[illegible] Osborne Smith, Esq. [illegible]
Orleans Club, King's Rd., Brighton, Messrs. Lainson & Son, Archts.
New Club, King's Road, Brighton, [illegible] Lainson, Esq., Archt.
[illegible] Wards, Brighton Workhouse; B. H. Nunn, Esq., Archt.
[illegible] House, Hove, Messrs. T. Lainson & Son, Archts.
W[illegible] Holland Road, Hove, Messrs. T. Lainson & Son, Archts.

Rackman, H., 43, Rose Hill Ter. and 32A & 32B, Viaduct Rd., Plumber etc.
Blandford & Sons, 33, Portland Rd., [illegible]
[illegible] A., & Son, [illegible] Alice St., [illegible]ansdowne Pl., and [illegible] Western Rd., Hove
Bostel Bros., 18 & 19, Duke St., and Sanitary Engineers
Botting & Sons, 8, Little East St.
Botting, William, & S[illegible] St
Brown, W., & Sons, [illegible] Rd
Burgess, H. J., 19, Preston Rd
Carpenter, R., 39, Shaftesbury Rd
Carter, James, & Son, 35, St. G[illegible] Rd. and 21, Bloomsbury St
Coleman, J., 62, St. James's St.

Sussex—*continued.*

Cox, A., & Sons, 2, Springfield Rd., and 80, Preston Rd
Cresswell, A., 87, Western Rd., Hove
Davey Bros., 76, Beaconsfield Rd.
Day, W. F., & S., The Arches, Beaconsfield Rd
Dean, A., 25 & 29, D[illegible] R[illegible]
Elliott, W., & A., 15, Hampton Pl.
Field, E., 40, Upper Lewes Rd

ESTABLISHED 1810.

W. A. FIELD AND CO.,

BUILDERS,

20, PRESTON STREET,

BRIGHTON.

Works executed during the last three or four years include—

French Protestant Ch., Regency Sq., J. G. Gibbins, Esq., Archt.
Warehouses & Dwelling House, Queen's Rd., S. Denman, Esq., Archt.
Rock Brewery, Dwelling House, St. James's Street, the [illegible] frontage being of rubbed brickwork [illegible]
Seven Shops, Palmeria Sq., West Brighton, Chas. Nye, Esq., Archt.
London & South Western Bank, [illegible] &c., in West Street, Messrs. [illegible] Archts., Bloomsbury [illegible] London [illegible]
London & County Bank, New [illegible] London, [illegible] Arch. [illegible] 52, Berkeley Square, London, W.C.
Bedford Hotel, Structural Alterations and Decorations.
Royal Sovereign Hotel, Additions: [illegible] Tasker, Esq., Archt.
Sussex County Hospital, Teak Floors and Alterations, Messrs. Scott & Cawthorne, Archts.
Shoreham Villa Residence, A. Loader, Esq., Archt.
Hassocks, Dwelling Houses.
Lavatories & Shops, in Grafton St.
Ladies' Lavatories on the Pavilion Estate, for the Brighton Corporation, F. J. C. May, Esq., Borough Engineer and Surveyor.
Residential Flats, with lifts, [illegible] constructed from the Clarendon [illegible] Esq., Archt.
West Hove National Schools, [illegible] and Ad[illegible], Lacy W. Ridge, Esq., Archt.
St. Bartholomew's Ch. Schools, Addtnl. ClassRooms & Alterations, [illegible]
[illegible]
Ext[illegible] [illegible]
New [illegible] [illegible] Schools [illegible] for the Corporation of Brighton, F. J. C. May, Esq., Borough Engineer and Surveyor.

Fisher, Fredk., 6, Upper Market St., Hove
Fisher, W. B., [illegible] James St., and Decorator
Francis, [illegible], Shaftesbury Rd
Freeman, V. P., 38, Kensington St
Garbutt, G. G., 8½, Clarence St., and [illegible] New England Rd

W. & T. GARRETT,

BUILDERS,

62 & 65, MIDDLE STREET,

BRIGHTON.

Works recently executed include—

[illegible] Shop [illegible] for Messrs. Knight and Wakeford, also for Wade, Esq., T. Garrett, Esq., Architect. Residence at Withdean for E. Wheeler, Esq. Residence Clayton Park Estate, Hassocks, for W. Brown. Ice Stores and Stabling, Baltic Wharf, Portslade-by-Sea, for Trustees of the late F. Tooth, Esq., A. E. Farr, Esq., Architect. Bank Fittings at Hove for Messrs. Barclay, Bevan & Co. Messrs. Scott and Cawthorn, Architects. Offices and Cellars, Messrs. E. Robins & Son, Ltd., Anchor Brewery. Messrs. Clayton & Black, Architects.

Griffiths, Thos., 136, St. George's Rd.
Hackman & Son, 26, Silwood Rd., and 12, Western St.
Hazelden, Geo., 1, Middle Lane, Preston
Hammond, H. E., 4, Upper Market St.
Holloway Bros., 1, Dyke Rd. Drive
Homan, W. H., 27, Gladstone Pl.
Howard, Geo., 52 and 53, King St
Humphrey, Wm., 5, Connaught Rd., Hove
Jeal, B., 40, St. George's Rd
Kemp, C. E., & Son, 42, Lorna Rd., Hove
Kent, C., 19, Beaconsfield Rd.
Leggatt, Chas., 14 and 15, Chapel St.
Leggatt, T. G., 44, St. James St., and 53, High St
Lelliott, W. & F., [illegible], St. George's Rd
Lockyer, G. R., [illegible], King St., North [illegible]
Lynn, C., & Sons, 32, Marlboro' St
Manwa[illegible]g & Son, 13 & 14, Western St.
Mason, R. & W., 99, Southover St
Nye, Thos. C., 40, St. George's Rd., and Decorator
Oliver & Barber, Church Rd., Hove
Packham, H., Middle Lane, Preston
Parsons, A., 60, Havelock Rd.
Parsons, F., 21, York Villas
Parsons, J., & Sons, 118, Church Rd., Hove
Parsons, W., 2, Clifton St.
Patching & Son, 43 and 44, Portland St.
[illegible]
Penfold, H., 55, North Rd., Preston
Perry, R. R., 33, Duke St
Sattin & Eversfield, 25 & 26, Freshfield Rd
Saunders, J. J. G., & Sons, 37 and 39, Ivory Pl., and Edward St.
Sendall & Son, 35, Duke St., Plumbers and Decorators
Simmonds, W., 21, Montpelier St
Snaate, S., 2, Hove Park Villas, Hove
Smith, H. G., 36, S[illegible]
Snood, E. G., 32A, Upper St. James St.
South & Son, 46, Upper North St.
Taylor, Wm., 26, York Pl.
Titcomb, L., 70 and 7[illegible], High St.
Tuxford, T. H., 2, Arundel Rd.
Watts, C., 34A, Waterloo St
Webber, A. A., 10, [illegible] and 28, Portland St., [illegible] Fireproof Work
Webber, W. H., 10, Hampton Pl., Western Rd., and 7, Powis Grove, Oven Builder, &c.
Willmer, T., York House, York St., Kemp Town
Wilson, F. T., 115, St. James St.
Winter, E., [illegible], Church Rd., Hove
Wood, W., Tra[illegible]
Wright, J. J., 57, [illegible]

BROADWATER, WORTHING

Herbert, E.
Stanbridge, W.

BURGESS HILL.

Bryant, W.
Downer, William, Church Rd.

NORMAN & BURT,

Late SIMEON NORMAN,

BUILDERS & CONTRACTORS,

STEAM JOINERY WORKS,

London Rd., Burgess Hill, Sussex.

Works executed include—

Poynings Church, Sussex, [illegible]tion, Ewan Christian, Esq., Archt.

St. John's College Chapel, Hurstpierpoint, Sussex, Oak Fittings, and St. Chad's College, Chapel, Denstone, Staffordshire, Oak Fittings, Messrs. [illegible], Archts.

St. John's Church, Burgess Hill, Additions, and New Congregational Church, Burgess Hill, E. J. Hamilton, Esq., Archt.

Carved Oak Reredoses, Screens, Stalls, Pulpits, &c., in Frome Church, Somersetshire, West Kirby, Cheshire; All Saints' Church, Edinburgh; All Souls' College Chapel, Oxford; Kenton Church, Devonshire; Cauley Church, Staffordshire; Prescott Church, Lancashire; His Grace the Lord Archbishop of York's Chapel, Bishopthorpe; Ld. Bishop of Peterborough's Chapel, Peterborough; Universities Mission Church, Calcutta, India; Lichfield Cathedral.

"Wakehurst Place," Sussex, Restorations, Aston Webb, Esq., Archt. "Great Ote Hall," Sussex, Additions and Restorations. "Borde Hill," Cuckfield, Sussex, Additions and Restorations, Ralph Nevill, Esq., Archt. "Cold Harbour," Wivelsfield, Sussex, Additions. "Sandrocks," Haywards Heath, Sussex, Additions, Messrs. [illegible] House and Stabl[illegible] [illegible] H. G. Cresswel[illegible] [illegible] Highden House," Sussex, New Wing, Stabling, &c., W. H. Harroway, Esq., Archt. New Part to Old Place, Lindfield, Sussex. [illegible] Peverey," Shropshire. [illegible] Yorks. Caldy [illegible]

[illegible] W. [illegible] Rd

CATFIELD [illegible]

Miller, [illegible], Maisonette, Etchingwood

CATSFIELD

Blackman, R., & Son

CHICHESTER

[illegible], 6, East S[illegible]
[illegible], Son, 1, Chapel St
Gammon, W. H., Portfield Rd
Holt, J. G., Westgate
Johnson, W., & Son, St. John St
Vick, F. M., Tower St

[illegible]

Fowler & Sons

CLAYTON

Cook, R., & Sons, Springfield Rd
Gates, R. & [illegible]
[illegible] & Sons, Steam Joinery Works
Ockenden, J., & Son
Shaw, James, County Oak
W[illegible]

CROWBOROUGH

Beard, G., The Beacon
[illegible]
Wickens, R., White Hall

CUCKFIELD, or Hayward's Heath.

Knight, Stephen, Whiteman's Green
Norris, Edward, & Sons, Broad St
Tidy, Geo., Whiteman's Green

DITCHLING HASSOCKS

Wood, Frank

[illegible]

[illegible]
[illegible] Cavendish Pl
Bainbridge, G., & Son, 77, Terminus Pl
Breach, Chas., 9, Calve[illegible] Rd
Cornwell & Son, [illegible] Ashford Rd
Coster, [illegible], 41, Sele[illegible]
Croxon, W., Carlisle Works, Langley Rd
Cullingford, J., 31, Lushington Rd
Ford, J., & Sons, 41, Susans Rd
Francis, W., 2, Lushington Rd
Gausden, G., 73, Langley Rd
Gravett, Geo., 1, Cambridge Rd.
Harding, J., Meads Rd
Hart, S., 26, High St
[illegible] & M., Springfield Rd
[illegible], 46, Seaside Rd., Painter & [illegible]
M[illegible], 0, Upper Avenue
M[illegible] M., 36, [illegible]

MILLER & SELMES,

BUILDERS & CONTRACTORS,

76, TIDESWELL ROAD,

EASTBOURNE

Works executed include—

Bishopsdown Grange, Tunbridge Wells, £4,300. 200 Houses for Eastbourne Artizans' Dwelling Co., £18,000. 7 Large Shops, South Street, Eastbourne, £7,306. 6 Shops and Artizans' Flats, South Terrace, Eastbourne, £8,000. Public Schools at Norway, Whitley Road and Green Street, Eastbourne. [illegible] Houses, Willow Gardens Estate, Eastbourne, £12,000. Offices at Cornfield Road, Eastbourne, for A. A. Oakden, Esq., Architect. 4 Houses, Rugby Road, Brighton, £3,000, and Como, Upper [illegible] Road, Eastbourne.

Newman, W. & J., Watts Lane
Peerless, J., Langley Rd

Chas. Peerless-Dennis

(For several years general manager to the La[te] James Peerless of Eastbourne.)

BUILDER, CONTRACTOR, HIGH CLASS DECORATOR and SANITARY PLUMBER

[Res]idence, Chief Office and Works:

2, Commercial Rd.

Branch Offices: **23 Terminus Rd. and 74, Grove Rd.**

Telephone [illegible]

References given to Architects and Clients if required.

Pierce & Co., 28, [illegible], Plumbers and Painters
Sisley, H., 76, Langney Rd.

Sussex *continued.*

Stanbridge & Tupper, Commercial [illegible]
St[illegible], H., 6, Hillside Villas, Ock[illegible]
Vinall, J., Mark Lane
Vinall, John, J[illegible], 21, York Rd
Wood, J., 102A, Tideswell Rd

EAST GRINSTEAD

Brooker Bros., West St. Painters and Paperhangers
Creswell, H., London Rd
Gasson, C. & H. H[illegible]
Morris, John, Ashurst Wood
Norman, A. W., 32, London Rd.
Ridly, H., Dorman's Lane
Rice, Charles, Garland Rd
Steer, Edw[illegible]
Waters, John, F[illegible]
Young, Hy., 200, London Rd

EAST HOATHLY

Hall, J

FINDON, Worthing

R[illegible]

FOREST ROW

Luxford, J
Waters, [illegible]

HANDCROSS

Wheatland, Geo[illegible]

HASSOCKS

Betts, R., Station Rd

HASTINGS

Austin, W. & T., 4, H[illegible]
Barter & Gasson, [illegible] Ter., Old Lon[illegible]
Brown, W. E., Ha[illegible]
Burden, C. [illegible], Whitefriars Rd., W[illegible] H[illegible]
Campbell, J., Canute Rd., [illegible]
Chapman, C., St. Mary's Rd
Cruttenden, Walter, Althorpe [illegible], Nelson Rd
[illegible] H., Elm Mew[illegible], High St
Easton & Crump, Q[illegible]'s Rd., O[illegible]
Eldridge, W. H., & Son, [illegible]
[illegible]
Fann[illegible] M[illegible]
Gam[illegible] [illegible]'s Rd
[illegible] [illegible]orrows [illegible] St
Harman, [illegible] [illegible]t Pleasant Rd
Lamb, [illegible] Stonefield Rd
Lester, [illegible], Pelham St
[illegible], Cave Vale, Ore
Moon & Garner, 63, Mount Rd, Clive Vale
Phillips, J. & P., 7, High St
[illegible] Stonefield Rd
[illegible], Old London Rd., Ore

DAVID H. SNOW,

BUILDER AND CONTRACTOR,

OLD LONDON ROAD, ORE, HASTINGS

Works Executed include—

Hastings, New Wesleyan Chapel, £3,300; E. Hoole, Esq., F.R.I.B.A., Architect
Extension of Emmanuel Church, Hastings, £1,200; Messrs. W. H. & J. D. Murry, Architects
Ore, Hurst Court College, New Wing, £1,850; F. H. Humphreys, Esq., F.R.I.B.A., Architect.

Simmonds & Co., Waterworks Rd
Stace, M., 8, Stonefield Rd
Thorpe, F., London Rd., Ore
Thorpe, W. F., Ashburnham Rd
Vigor, G., & Co., Cambridge Hall, Cambridge Rd. Shop Front Makers and [illegible]
Warman, W., [illegible]88, M[illegible]ward Rd
Wickens, W., Manor Rd
W[illegible] T[illegible] N[illegible] Rd

HAYWARD'S HEATH

[illegible]
[illegible]
[illegible]

HENFIELD

Martin, J

HOLLINGTON

Ashdown, H., Selsey House
Eliott, J., "The Flats"
Langridge, L. [illegible]

HORSHAM

Dewdney Bros., 3, East Parade
Etheridge, M., Bishopric
[illegible]bank, Kearley, & Co., 30, West St
Hillman & Murrell, Park Ter. East
Murrell, H., Laurel Cottage, Crawley Rd
Pannett Bros., Barrington Rd.
Peters, P., & Son, Steam Joinery Works, East St

JOSEPH POTTER,

BUILDER AND CONTRACTOR

HORSHAM, SUSSEX.

Works include amongst others—

Horsham Town Hall, £9,000, Percy Gates, Esq., Architect, Shoreham. Three Villas, Warnham, Sussex, £5,200, Messrs. Buckeridge & Huxley, Architects. Warnham Hall and [illegible] & Huxley, Architects. "Graylands," Horsham, Additions, £3,600, for H. B. Wallis, Esq., F. Wheeler, Esq., Architect. Collier's Grammar School, Horsham, £5,800, Arthur Vernon, Esq., Cockspur Street, W.C., Architect. Cane Hill Asylum, Additions for London County Council, £16,000, C. H. Howell, Esq., Architect.

Rowland Bros., 46, North St., and [illegible] Parade
Sharp, G., East Pare[illegible]

HORSTED KEYNES

Awcock, Isaac

[illegible]

[illegible]
Hollands, C. [illegible]
Pearsey & Son

IFIELD, Crawley

Ockenden, J., & Son, West Green

ITCHINGFIELD, Ho[illegible]

Parker, Allen

LEWES

Berry & Bassey, 98, Malling St
Card, H., & Son, North St
Frere, Chas., The Wallands
Floyd, R., North St
Knight, Harry, Friar's Walk
[illegible]
[illegible]
W[illegible] W[illegible]

LINDFIELD, near Hayward's Heath

Hall, Wm.
Parker, Anscombe

[illegible]

B[illegible] & Roe
Burrell, A., 24, Arundel Rd
Seewin Bros., High St

MIDHURST

Mills, S., Station Rd
Othen, J., South St
Till, J.

NEWHAVEN

Chapman, G. E., High St
Wongear & Son, High St.

NORTHIAM, Rye, [illegible]

Comport, Alfred

PETWORTH

Chamberlain, R

PLUMPTON, Lewes

Weals, Wm

PORTSLADE

Berry, R. R., North St
Godard, N

RYE

Martin, W. F.

RUDGWICK

Moon, A., & Son

[illegible]

King,

ST. LEONARDS

Aleorn, E., Park Rd
Ashdown, A., 26, Salisbury Rd
Boniface, F., 43, Southwater Rd.
Cruttenden, F., 5, St. John's Rd
Cruttenden, H. E., Tower Rd., West
Eldridge & Cruttenden, 39, King's Rd
[illegible]ster, [illegible], Silverland Rd., Silverhill
Geary, J., 31, Hornby Rd
[illegible], E., Sedlescombe Rd., Silver[illegible]
[illegible] Kenilworth Rd
[illegible]
[illegible] [illegible]rks, West M[illegible]
Kenwood, J. C., [illegible] Tower [illegible]
Miller, S. [illegible] & [illegible]
Morgan, W. G., 42 [illegible]

MESSRS. PADGHAM AND HUTCHINSON.

[illegible]

SILVERHILL, St. Leonards-on-Sea.

Works recently erected and in course of erection include

Infirmary. For Committee of Convalescent Home, West Hill, St. Leonards. A. G. Coppoys, Esq., Architect, Hastings.
New Schools. For Rev. Mortlock, Bexhill-on-Sea. F. Richardson, Esq., Architect, Leeds
New Vicarage. For Rev. Mortlock, St. Barnabas Church, Bexhill-on-Sea. Graham Awdry, Esq., 8, Great George Street, Westminster, London
Alterations and Additions, "[illegible]gh," Hollington Park, St. Leonards-on-Sea. Messrs. Waterhouse and Son, Architects, Portland Place, London
New House. For Trustees of the Eversfield Estate, St. Leonards-on-Sea. F. H. Humphrey, Esq., Archt., Hastings.

Roe, G. H., 18, Salisbury Rd
Salter, T., 2, K[illegible]
W[illegible], A. H., 66, Southwater Rd
Woodall, F., 29, Kenilworth Rd

SEAFORD

[illegible]
[illegible]
M[illegible]
Wilkins[illegible], W

SHOREHAM

Curd, Chas., West St
Gates, W. A., 12, Brunswick Rd. and High St

SLINFOLD, Horsham

Grinstead, Messrs.

SOUTHWICK

Rooke, Jas., 10, White Rock Pl.

STEYNING

Chalcraft, G., High St
Ripley, F., High St
Watson, W., Station Rd

STORRINGTON, Pulborough

Terry, H

TICEHURST

Trigg, John

UCKFIELD

Peckham Bros.
Pesham & Son

WARNHAM, Horsham

Street, W., Friday St
Walder

WESTFIRLE

Loat[illegible] & Son

WEST TARRING

Duffield, G., Cranbourne Villa, East [illegible]
[illegible], W.
Miles, [illegible]
Seiby, [illegible]
Skinner, G

WORTHING

Baker, G., Fern Villa, Graham Rd
Baker, J., Crescent [illegible]
Blaker, R. C., Chapel St
Brugger, [illegible], Montague St
Cook, [illegible], 33 & 35, High St
Cronch, A., 20, Montague St
Hayward, G., Brighton Rd
[illegible] Nethy, Rowland Rd
[illegible]
Patching, [illegible] Chapel Rd
Peachey, T., Tarring Rd.
Raynham, E., Tarring Rd
Sandell, F., Chesswood Rd
Sancell, W. W., 19, Warwick St
Sawle, W. H., Garfield Works, Victoria Rd
S[illegible]wn, E. & S[illegible], 33 & 35, Ann St

Warwickshire.

[illegible]

Berridge, R., Henley St., Mas[illegible]
Buggins, L., Henley St
Goff, A. H., High St
Hunt, W. H., High St
Smith, E., Potter St
Stanley, J., Broom

ALCESTER

Wincote, J

[illegible]FORD.

Sheasby, W., Wellesbourne Rd.

BIRMINGHAM

Allen, Hy., 43, Lee Bank Rd
Atherton, W. & W., Conybere St.
Baker & Warr, 57, Sampson Rd., North
Bampfield, C. [illegible], Mansfield Rd, Aston
Barnes, Hor[illegible], [illegible]8, Jakeman Rd, Balsall Heath
Barnsley, E. W., 84, Heath St
Barnsley, J., & Sons, 1[illegible]2, Ryland St., North
Bates, E., [illegible]4, Northbrook St., Dudley [illegible]

Warwickshire—*continued.*

William Bennett,

Builder and Contractor,

213, BERNERS ST., LOZELLS, BIRMINGHAM.

ALTERATIONS AND REPAIRS.

PLUMBING.

Hot and Cold Water Fitters.

PAINTING, PAPERING, GLAZING

ZINC WORK

Baths, W.C. and Sanitary Work executed on the latest and most Sanitary principles, on reasonable terms, consistent with good workmanship.

Bevins, H. S., 1, Alfred Rd., Spark Hill
B[illegible] 333, Farm St., Hockley
[illegible] W., Alcester Rd., King's H[illegible]
[illegible]
Bowen, J [illegible] Heath
Briley, F J [illegible]
Brown, C., Sunnyside, Albert Rd Stechford near
Bryant, C., 17, Whitmore Rd., Small Heath
Bullows, H., Castle Bromwich
Carter, H., 8 & 9, Gosta Green
Carter, J., Bradford St
Castle, John, 164, Broad St.
Chaffer, W H., Warstone Parade
Channing, W C., Wellington Rd Perry Barr
Charles, E J., Thelsford Works, M[illegible]
[illegible]
[illegible]
[illegible] 3[illegible], Albion St.
[illegible] 98, Bordesley Green, [illegible]
Cowper, W., Brunswick Rd., Sparkbrook
Crouch, Geo., 218, Well St.
Curtale, Lewis, & Martin, Icknield Port Rd
Cutler, Jas., Ravenhurst Rd., Har[illegible]
[illegible] well Green Lane, Moseley
Dodd, [illegible] Ang[illegible] St
Dodge, Thos., Ashted Row
Dolman, J., Ettington Rd [illegible]
Edmunds, T., A[illegible]
[illegible]
[illegible] Wheeley's Rd
[illegible]
[illegible]
[illegible]
Fortey [illegible]
Fortnum, Joseph [illegible]
Freeman, J., 41 Au[illegible] H[illegible]
Garfield, E., 43 Chain Walk, Birchfields
Gazy, T., 35, Whittall St.
George W., 163, Bristol St
Giles, E., South Rd., Camp Hill
Goodman, J., Station Rd., Harborne
Goodwin Geo., 45, Green Lanes
Gosling, L., 875, Moseley Rd
Gowing & Ingram 131, Belgrave Rd
Halward, T W., High St., Selly Oak
Harley, J., & Son, 161, Rolfe St [illegible]
Hewitt, J., 29, Lemington Rd., Sparkbrook
Hollick, A., Station Rd., Harborne
Hope, H., 55, Lionel St
Hopkins, W., Thorp St
Houghman, Wm., 39, Temple Row
Hughes, R. M., 255, Bradford St
[illegible]
[illegible]
[illegible] St., Lawley St.
J[illegible]

Jevon, A. P., Lichfield Rd., Erdington Horticultural
Johnson, T., 60, Gt. Brook St.
Jones & Fowler, Snow Hill, Harborne
Langley, Isaac, Tyburn, Erdington
Lane Bros., Balsall Heath Rd
Lawton, W., Dudley Rd
Lee, W., & Son, Avenue Rd., Aston
Lidsey & Evans, 145, Charles Henry St
Little, John, 320, Witton Rd., Aston
Loud, T., Bournbrook, Selly Oak
Mackenzie & Lane, 50 & 61, Burlington St., Aston
Marshall, G H., Hawthorne St., M West Smethwick
Mills, T., & So[illegible] Leopold St.

JAS. MOFFAT & SONS

Builders

SOUTH ROAD, CAMP HILL,

BIRMINGHAM

TELEPHONE No. [illegible]

ESTABLISHED 33 YEARS

C[illegible] TO H M OFFICE OF WORKS.

S[illegible]

FITTINGS AND JOINERY OF FIRST-CLASS QUALITY.

SANITARY ENGINEERING

Moore, W G., Nechells Park Rd
Morriss & Atkinson, Lansdown St
Morton, J., 9, High St., Aston
Painsey, J., & Sons, Ryland St. North
Parker Ltd., 5 Conybere St
Partridge, W., 238, Monument Rd., Edgbaston
Philp, Alfd., Park Rd., Harborne
Pitts, H J., 25, Bristol Rd
Price, W., Oliver St., Bloomsbury
Ruby & Salter, Lower Dartmouth St
Roberts, S., & Sons, 65, Oldfield Rd., Sparkbrook
Robinson, Wm., 73, Bath Row
Rowbotham, T., 500, Coventry Rd., Small Heath
Sapcote, W., & Sons, 91, Camden St., and Powell St
Seamark, W S., 144, Gt. Lister St
S[illegible] School Rd., Mosley
S[illegible] 16, Park Lane, Aston
[illegible]
[illegible] Tindal St.
[illegible] Charlotte St
[illegible] Sherlock St.
[illegible], 163, Victoria Rd., Aston
Stafford & Mansfield, 217, Bloomsbury St.
Stephens, F., Junr., 163, Park Rd., [illegible]
Stone, W J., Clevedon Rd., Balsall Heath
Street, W., & Sons, 184, Bristol St.
Surman, S., & Son, 241 & 242, Gt. Colmore St.
Surman, Thos., & Co., 89, Station St.
Taylor, S., Mill Lane, Bradford St
Thompson, E H., 110, Bradford St.
Turton, J A., 1, 2 & 3, Wheeleys Rd
Twigg, Geo., Theodore St
Walker, Herbert, Upper Grove St., Smethwick
Walton Bros., 68, Baldwin St., Smethwick
Webb, W., & J., 256, Gt. King St.
Weston, H., Union Chambrs., Temple St
Whitehouse, B., 110, Monument Rd and 141, Gt. Tindall St., Ladywood

Warwickshire—*continued.*

Whittall, W J., & Co., 83, Lancaster St
Wilcox Hiram, 105, Bradford St
Williams, C S., 29, Rotton Park Rd.
Williams, J E., Cheston Rd., Rookey Lane, Nechells
W[illegible] T., Cattle Rd., Small Heath
Woodward, H J., Cox St. West, Balsall Heath
Wright & Hol[illegible] Moseley Rd

CL[illegible] VARDON

Sheasby, C.

COVENTRY

Blakeman, G., Cope St.
Cave, A., 41, Much Park St.
Cave, C., Little Park St
Carter, F W., Raglan St.
Cox, J H., Cope St.
Gardner, H., Croft Rd
Garrick, C., 140, Far Gosford St.
[illegible] T G., Moor St., Earlsdon
H[illegible]
H[illegible] Gosford St
Haywood, F., Raglan St
Heatherley Bros., Hill St
H[illegible]
[illegible] Earl St.
[illegible] Conduit Yard, [illegible]
Liggins & Strong, 83, Bishop St.
McCarthy & Read, Chester St
Spencer, H B., Leicester St. and King William St.
Storer, G., Dale St., Cope St
Vale, S., 168 & 150, Spon St
W[illegible], Harnall Lane
[illegible]
[illegible]
[illegible]
Worwood, J., 1[illegible]
Wootton, R., White St

DUNCHURCH, Rugby.

K[illegible]y, J

EDGBASTON see Birmingham.

E[illegible]DINGTON see Birmingham

FOLESHILL

Clarke, D., Paradise
Isaac, J., Partings of Heath
Kelley, J., & Son, Little Heath
Randle, A., Edgewick
Wright, T., Paradise

HARBORNE, Birmingham.

Cutler, Jas., Ravenhurst Rd
Goodman, J., Station Rd
Hollick, A., Station Rd
Jones & Fowler, Snow Hill
Philp, Alfd., Park Rd

KENILWORTH

Giles, Edwin, Elgin House, Southbank Rd
[illegible], W H., Mill End
Lee, Edwd., Priory Rd
Robbins Bros., Abbey Hill
Smith, Ed., & Son

LEAMINGTON

Bird, S., 20, Leicester St.
Bloomfield, W G., & Son, George St
Bowen, R., Tavistock St
Bradshaw, B & F., 2, St. Mary's Rd
Dawkes, W., High St.
Lee, F. W., 18, Clarendon Avenue
Orton, R A., 4, Wood St
[illegible] Clarendon St
[illegible]
[illegible], Clemens St
Smith, G F., & Sons, Union Rd., Milverton
Thomas, D., 1, Chapel St

[illegible]

Watson, C

NUNEATON

Smith, Wm., Stratford St
Smith, T., Cotton Rd
Streather, C W., Princes St.
Woodward, S. B., Fife St.

ROWINGTON

Merriman, T
Sly, W.

[illegible]

Bradshaw, W., Warwick St.

FOSTER & DICKSEE,

CONTRACTORS,

RUGBY;

And Manresa Rd, Chelsea, S.W.

Works executed include

The New Record Office, Chancery Lane, New Bankruptcy Courts and Offices, London, H M Office of Works
[illegible]
N[illegible], Edwin T. Hall, Esq., F.R.I.B.A., A[illegible]

Houses, Berkeley Square, W., and Kent Hatch Additions, Shandon Court, and Angley Park, M. Ed. Macartney, Esq., Archt.

Block of Chambers, Park Lane, W., Mansion, Watergate House, A. Waterhouse, Esq., R.A., Archt.

Houses, Cadogan Square, W., do. Pont Street, W., G. W. Stephens, Esq., Archt.

Mansion, Chatham, John Belcher, Esq., Archt.

Mansion, Rose[illegible], Messrs. Ernest George & Peto, Archt.

Mansion, Colwyn Bay, G. C. Horsley, Esq., Archt

Mansion, A[illegible]

Mansion, Barasden, Oakham, E. J. May, Esq., F.R.I.B.A., Archt

Harris, F., Dunchurch Rd
H[illegible] Howel, James, & Son, Clifton Rd
Linnell, R., & Son, Railway Ter
Over, W H., High St.

J. PARNELL & SON,

Builders & Contractors,

RUGBY.

Works Executed include—

St. Paul's Schools, Hammersmith; School Buildings, Reading, Large Mansions and Stables at various [illegible] A. Waterhouse, [illegible] R.A., Architect.

[illegible] Oxford; [illegible] Rugby; Gymnasium, Bath and Art Museum, St. Andrew's Parish Church Rugby; W. B[illegible]

Mansfield College and Chapel, Oxford; Basil Champneys, Esq., Architect

Manchester College and Chapel, Oxford, Messrs. Worthington & Elgood, Architects.

College Buildings Oxford, Uppingham School, Library, &c., T. G. Jackson, Esq., Architect

Railway Stations, &c., Rugby, Stafford, Crewe, Holyhead, Nuneaton, Llandudno, &c., London and North Western Railway Company

Mansions and Stables at Winslow, Bicester, &c.; H. Tollit, Esq., Oxford, Architect

Mansion, Motcombe, for Lord Stalbridge, Messrs. Ernest George & Peto, Archts

Caldecote Hall, Nuneaton, Whatton House, Loughborough, Messrs. Goodacre, Leicester, [illegible]

Satchell, W G., Chapel St
Walton & Son, Railway Ter
Young, Jos., Oxford St

Warwickshire *continued.*

SOLIHULL, Birmingham

Bragg Bros , Drury L[illegible]
Debank, J., & Sons. Maid's Cross
Fairfield, J W , Drury Lane
Thompson, T & W , High St

STRATFORD-ON-AVON

Callaway, J , 20, Chapel St
Cox, J , 13, Payton [illegible]
Greenway, J , Ely St
[illegible], 14, Wellesbourne Grove
[illegible] Broad St
Kennard, E. T Gt. William St
Price W Boltom St.
Roberts, John, 2 Mulberry St
Whateley, Geo., 23, Shottery Rd

STUDLEY Redditch

[illegible] J Alcester Rd
Young, Hy , Mappleboro Green

SUTTON COLDFIELD

Hall, Wm , Coleshill St
James & Groom, Station St.

[illegible]nes, J R , Queen St
Lloyd, Mark H[illegible] St
Turville, J & Sons. High St.

TIDDINGTON, Stratford-on-Avon

Kiber [illegible]

UPPER STOKE

Elsworth, J , Shakespeare St

WARWICK

[illegible] & [illegible] Chapel St
[illegible] & [illegible] Smith St
[illegible]
[illegible]
[illegible] Barrack St
[illegible] W[illegible], Coton End
[illegible], West Gate

WELLESBOURNE

[illegible]

WOOTTON WAWEN

Brettell, S
Smallwood & Co.

Westmoreland.

AMBLESIDE

Backhouse, A S , Church St Carpenter & [illegible]
Backhouse, T , Church St Waller and Mason
Cousins, T H., Chapel Hill [illegible]terer
Coward, J Kelsick Painter
Dixon, W , Lake Rd Carpenter and Joiner
Garside, Thos., St. Mary's Lane Plumber and Painter
Huddleston A , Compston Rd Plumber, Painter, etc

ARTHUR JACKSON,
Builder, Contractor, and Quarry Proprietor
AMBLESIDE.

Works executed include—

New Chancel, Rydal Church: Robert Walker, Esq., Archt., Windermere.
New Vestry St Mary's, Ambleside, Messrs. Paley, Austin & Paley, Archts , Lancaster
New Mansion Skelwith Fold, Ambleside, for Stephen A Marshall, Esq , Messrs W [illegible] Archts , [illegible] Square, London
Beesfield Hotel, Bowness on Windermere Robert Walker, Esq , Archt , Windermere
New Vicarage, St Mary's, Ambleside , J W [illegible], Archt., Ulverston
New Assembly Rooms, Ambleside , Robert Walker, Esq., Archt., Windermere.

[illegible] Keswick House [illegible]
Mason, B , The Gale Plasterer
[illegible]wall, T , North Rd Joiner
[illegible], T , Compston Rd Waller and Mason
Stalker, W , & Son, Compston Rd Carpenters and Joiners
Vitey, R., North Rd Plumber, Painter, etc

KENDAL

Aderson, Thomas, Strickandgate Plasterer
Airey, L , 39, Stramongate Plumber
Benson, Newton, New Bank Yard Joiner
Collett, E , Museum Yard Carpenter and Joiner
Davis, B Highgate Plasterer
Dixon R & J Fellside Mason and Slater
Dixon, W., & Son, Fellside Masons and Slaters

Dobson, William, Stricklandgate [illegible]
Downham, S , Gillingate Mason and [illegible]
Hayes & Parkinson, Captain French Lane Carpenters and Joiners
Hill & Dixon, Captain French Lane Masons and Slaters
Hill, Thos , Highgate Mason
Hine, James, Highgate Plumber and Glazier
Hine, T , & Son, Fellside Masons
Howie, J W , Gillingate Mason
Hutchinson, W , 58, Highgate [illegible]
[illegible] Beast Banks & Mason
[illegible] W , 159, Highgate Plumber, Painter etc
Lyon, G , 45, Highgate Painter, [illegible]
Martindale, G F , 35, Entry Lane Carpenter and Joiner
Nelson Bros , Entry Lane
Park, S., & Son Wattsfield Masons
Parsons, William, 43, Highgate Plumber and Glazier
Pattinson, A Beezon Lane Carpenter and Joiner
Pennington, R T Fellside Mason
Setoggles, Thos , Bishop Yard Car[illegible]
[illegible] A [illegible] 108, Highgate [illegible]
[illegible] 54, Stramongate [illegible]
Thoms, W Wildman St
Thwaites, T , & Son, Wildman St Carpenters and Joiners
Wiseman, G , Woolpack Yd Painter and Slater

KIRKBY LONSDALE

Bayliff Wm Mason
Lawson J

MILNTHORPE

Barrow, P , Church St, [illegible]
Scott C Church St and Mason
Semple, G , Park Rd Plumber
Thompson, J , Beetham Rd , Plumber

STAVELEY, Kendal

Storey Bros

WINDERMERE

Armstrong, H B Plasterer
[illegible]son Bros., Oak St Masons and Slaters
Brooke [illegible] M
Edmondson J., Bowness
Latham & Dobson, Crescent Rd Joiners
Longmire, J. B., Crescent Rd., Joiner
Moore & Steele Painters
Musgrave, F Plumber, Painter, &c
Pattinson, G H., Elm Grove Mason and Slater
Pattinson J A. Plumber & Painter

Wiltshire.

ALDBOURN, R S O

Lawrence, W

AMESBURY, Salisbury.

Cole W [illegible]

AVEBURY Calne.

Shipway J

BRADFORD-ON-AVON

Beaven & Son Mason's Hill
Gore, C , & Son, St Margaret St Plumbers and Decorators
Knight, John, Trowbridge Rd, Carpenter
Long, J , Frome Rd Carpenter
Long A W , Newtown
Mayell, A , 46, St. Margaret's St
[illegible]e I. W , 6, Newtown
Smith, J , 6, Coppice Hill
Taylor, J , Junction Rd Carpenter
Turner, John, 4 New Rd
White, Wm., Coppice Hill Carpenter

BRAGE, Marlborough

Bailey, H

CHIPPENHAM

Downing & Radman, Old Rd
Light & Smith
[illegible]
Swayne, —, Causeway

DEVIZES

Ash H [illegible]
[illegible]
[illegible] St
[illegible]
[illegible]
Bendell, F., St John St

DOWNTON

Bailey J Radnor House
Mitchell, C Woodfalls

Thomas, J Market Pl

LIMPLEYSTOKE, UPPER,

New, F

MALMESBURY

Wilkins, H , Lower High St

MARLBOROUGH

Benjamin Hillier,
Builder & Contractor.
HIGH ST., MARLBOROUGH.

Works Executed include—

Domestic Offices, Quadrangle Marlborough College Messrs Bodley Garner and C E Ponting, F S A., Joint Architects
Entrance Lodge and Gates, Do , C E [illegible]
Upcot House, Marlborough, R Norman Shaw, Esq , Architects
Science Rooms and Physical Laboratory, Marlborough College , C E Ponting, Esq , F S A Archt
Summerfield House, Marlboro .
Racquet and Fives Courts, Do
Clock Tower Manton Racing Stables , C E Ponting, Esq., F S A [illegible]

And many other Works.

Piper, W [illegible]

[illegible]

Burns, J , Cricklade Rd

RAMSBURY Hungerford

Alexander, H N , High St

[illegible]

Abbey, E , Wyndham Rd
Curtis, A & J, S., 28 Market Pl. Plumbers and Decorators
Dawkins, T , Barford St Martin
Dibben, F , 1, Greencroft St
[illegible], Brown St
[illegible] ke Villas, The [illegible]
[illegible] Castle St
Harris, G , Dew's Rd , Fisherton
Jenkins, J M , Queen St.
Kellow, R W , Bridge St
Kite, H J , Wilton Rd
Matthews, A J , 82, Church St [illegible]
[illegible] & Sons. High St. [illegible] and Decorators
Pepperell, R & Sons. Brown St
Phillips, C , Waterloo Garde[illegible]
Rolls, W Green [illegible]
Stevens, C , Cambr[illegible]
Vincent & Fol[illegible]
[illegible]
West, G , 78, Castle St
Williams, R R , 81, Brown St.
Witt, E , 155, Fisherton St
[illegible] W [illegible] St , Wyndham [illegible]
Young, W J & C, S , 76, Gigant St.

[illegible]NTON ST QUINTON, [illegible]

Downing, John

STRATTON ST MARGARET

Looker, H , Swindon Rd

SWINDON

Barrett, T 11, Newport St
Chambers, W , 1, Ashford Terrace New Swindon
[illegible]borne Thos , D[illegible]
Cook, H C Gloucester St , New Sw[illegible]
George T & G., 88, Curtis St., New Swindon
Smith, H C , Edgeware Rd , New Swindon
[illegible] J , Station Rd Saw Mills
Williams, C , Prince's St , New Swindon
Williams, J , Devizes Rd
Wiltshire, G , & Son Bath Rd

TROWBRIDGE

Linzey, Ed , The Halve
Moore, Geo , Castle St
Smith, William, Back St

WARMINSTER

Butcher, R 14 Church St.
Curtis, F , 11 Portway Carpenter
Curtis, M , 32, Portway Plasterer
Franklin, H , Silver St Mason
Gaisford, J 40 George St
Neat, J H Market Pl Painter &c [illegible]
[illegible] & Sons, Weymouth St.
[illegible] H. 51, Vicarage St
Pouton, P J , Emwell St
Strong W 1, Portway

WESTBURY

Burgess, James Station [illegible]
Burgess, J , Brook St

WOOTTON BASSETT

Fewelling, H High St
Lansdown, T , High St

WROUGHTON, [illegible]

Cowley, E

Worcestershire.

ACOCKS GREEN, near, Bir[illegible]

Bridges, Saml.
Price, Thos , & Son, Broad Lane

ALVECHURCH, Redditch

Furber, Thomas, Redditch Rd

ASTWOOD BANK, Redditch,

[illegible]
[illegible]

BARNT GREEN, [illegible]

Edwards, D

BLACKHEATH, near Dudley.

Dallow J[illegible]an

Worcestershire—*continued.*

BROMSGROVE.

Bra[illegible] & Sons, Worcester St.
[illegible]
[illegible] Hanover St
Leadb[illegible], J., Crescent [illegible]
W[illegible]
Pea[illegible] & Son, Birmingham Rd
Weaver, W. [illegible]
Williams, John, Kidderminster Rd
Wood, W. T., "The Leys," Rednall

BROUGHTON, Pershore.

Panter Daniel

CRABBS CROSS, Redditch.

Crawford, W

[illegible]

Small, W., Ombersley St.

DUDLEY

Golding, Henry, Netherton
Holland, W., & Sons, 61, King St.
Love & Flint, Cross St.
Webb & Round, 13, New St.
Whittaker, J. H., & Co., Wellington Rd
Willets, W., Old Hill, near

EVESHAM.

Espley & Co., Ltd., 77, High St.
Gardner, F. W., Bengeworth
Huband, J., Vine St.
Stanton, R., High St.
Taylor, Harry, Merstowe Green

HARTLEBURY.

Cook & Son

HEADLESS CROSS.

Davis, G. W., Evesham Rd.
Johnson, E., Birchfield Rd
Rollins, A. E., Bromsgrove Rd.

HONEYBOURNE.

Sheppard, J. T.

INKBERROW

Barley R., Little Inkberrow
Careless, F.

KIDDERMINSTER.

Howard & Son, Church St.
Jones, J., Coventry St
Thompson, E. J., Park Lane

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L[illegible]

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KNI[illegible]-ON-TEME, Tenbury.

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LANGLEY.

Beach, Jas. T., Mill Lane

MALVERN.

Baker, O., Hornyold Rd., North Malvern
Broad, T., Graham House, Great Malvern
Ford, Robt., Cowleigh Rd., North Malvern
Hayes Wm., & Son, Newtown Rd., Great Malvern
Lewis, A., Malvern Link
Meredith, Thos., & Son, Newtown Rd., Great Malvern
Porter, W., Wells Rd., Malvern Wells
Price, P., West Nab, West Malvern
Sefton, Ben., Malvern Link
Smart, T. H., Little Malvern Rd., Malvern Wells
Vernall, W., Court Rd., Gt. Malvern

NORTHFIELD

Woodcock, Geo., Bristol Rd.

[illegible]

Harper, H., Birmingham St
Sadler & Bagnall, Portway Rd.
Wortley, John, Church St.

OMBERSL[illegible]

Brown, E.

PERSHORE.

Coombe, J., High St.
[illegible]
Smith, J. W., Priest Lane

[illegible]

Avery, A. G., Evesham St.
Hains, C. G., & Sons, Ipsley St and Alcester St
[illegible]
Newbold & Evans, Hill's Yard, Prospect H
Surman, H., Oswald St
[illegible]
Yeomans, T., Alcester St. & Ipsley St

[illegible]

Day, Hy., Kingston, near

[illegible]

Bayliss, W., Belbroughton near
Freeman, C., Belbroughton near
Guest, J., & Son, Brettell Lane
Green, Thos., Careless Green
Ledbury, W., 15, Foster St.
North, W., New Rd
Young, Wm., New St.

STOURPORT.

Hodges & Co., York St.
Shepherd & Son, High St.
[illegible]
Ward, J. [illegible]

[illegible]

Howells, W., Worcester Rd.
Hewitt Laddon & Sons

UPTON-ON-SEVERN, Worcester.

Holloway, A
White, R., & Son

WOLVERLEY.

Smith, H.

WORC[illegible]ER.

Andrews, T., Sidbury
Andrews, John, Smith St.
Ashcroft, H. M., Lyttleton St.
Beard, J. H., Little London
Bennett, W., St. Nicholas St
Bromage & Evans, 113, London Rd., and Derby [illegible]
Burton, —, Waverley St., Cherry Orchard Bath Rd.
Cheese, Saml., Cumberland St.
Compton, J., Copenhagen St
Hayden, Wm., Bromyard Ter., St. John's
Higgs, J., St. Stephen's Ter., Ombersley Rd., Barbourne
Holder, E., Droitwich Rd
Hunt, W., Bridge St
Kendrick, J., 20, Lowesmoor
Morgan, Hy., Camp Hill Rd.
[illegible]fields Rd.
[illegible], Tything
[illegible] W., & Son, Lowesmoor
[illegible], Tybridge St. and Langhorne Rd., St. John's
[illegible]ll, C. T., Ombersley Rd
Wells, G., 14, Foregate St. and Pierpoint St
Wilkes, R., Barbourne
Wood, Geo., Astwood Rd.
Wood, J., & Sons, The Butts

WRIBBENHALL, Bewdley

Parton, Wm.

WYTHALL, Redditch

Johnson, C., & Son

Yorkshire.

ABERFORD, Leeds.

Heaton, H

ACKWORTH

Dickson, M

ACOMB, near York.

Hudson, W

ADDINGHAM

Emmott, J. & B.

ALLERTON

Foster, J. (Joiner)
Haigh, T. (Mason)

ALMONDBURY, Huddersfield.

Capper, J.

ANSTON, SOUTH.

Kirkby, J

ARDSLEY

Furness Bros.

ASTON, Rotherham.

Lister, John

BAILDON, Shipley.

Taylor & Ellis
Walsh, John, Lane End (Plasterer)

BARNOLDSWICK.

Barrett, P
Shaw & Sons
Smith, Ed

[illegible]SLEY

Ashworth, H., Back Queen St. Plumber, etc
[illegible]
Beaumont W., off May Day Green
[illegible]
[illegible], C., Cemetery Rd. Painter
Barnett & Sons, Market H[illegible] Painters,
Burrows, H., & Sons, Park Rd Masons
[illegible] St. Mason, etc
Calvert, G., Doncaster Rd Painter
Clough, A., 48, Cope St
Denison, B., Back Regent St. Plumber
Dransfield, W., Dodworth Rd Plumber
Dryden, C., Doncaster Rd. Plasterer
Duncan, P., Shambles St (Joiner)
Dunca[illegible] & Jones, [illegible] Masons
Dunk, W., Huddersfield Rd. Mason, etc.,
Dyson, W., Kingstone Pl. (Joiner, etc
England, W. G. & L., Summer Lane Saw M[illegible] Joiners
Fenwick, M., Dodworth Rd. (Plasterer
[illegible] Sheffield Rd
[illegible]
[illegible] R., Church St (Painter)
Foster Bros., & Wright, Princess St. Masons, etc
Goodyear, H., 26, Sheffield Rd Painter,
Goodyear, William, 188, Sheffield Rd Joiner,
Harrison, J., Springfield St Plumber
Hinchliffe, H., Victoria St. (Mason, etc
Hood, John, 20, Lancaster St. Mason
Hutchinson Bros Sackville Street Plumbers and Glaziers
Jacques, A., Copper St. (Mason)
Jacques, T., Nelson St. Joiner,
Joynes & Son, 19, New Bridge St. (Masons, etc
Lawton, [illegible], & [illegible]ns, Cemetery Rd. Masons etc
Lindley, Thos., Doncaster Rd Plasterer,
Medley & Son, 40, Corporation St. Masons, etc.
Mellor & Moorhouse, Pindar Oaks, Doncaster Rd Masons etc
Mellor, M., Mapplewell Mason, etc
Moore, A., 6, Victoria St. (Mason, etc.)
Newton, Thos., Church St. (Carpenter and Joiner)
Potter, J. & C. D., Corporation St. (Masons, etc.
Robinson, W., & Son, Railway Sawing and Planing Mills (Carpenters and Joiners
Rogers & Squire, Church St. (Plumbers
Rut[illegible] Richd., Commercial St. (Mason)
Rushworth, Samuel, Eldon St. (Plumber, etc.)
Rymer, G., 175, Shambles St. (Mason)
Rymer, Robt., 175, Park Rd. Mason)
Scholey, W., off New St. Slater
Scott, J., Dodworth Rd. Joiner, &c.)
Shaw, John Park Rd. Plasterer,
Shelton, A. W., Shambles St. Joiner)
Smith, J., Gawber, near (Carpenter and Joiner,
Snowdon, J., & Son, Market St. Plumbers, Painters, and Glaziers)
Squire, S., 209, Sheffield Rd. (Mason, &c.)
Stephenson & Son, Peel St. (Painters, &c.
Tasker, John, Western St. (Plumber, &c
Taylor, E. R., 173, Doncaster Rd. Mason, &c.
Taylor, J. & T., Agnes Rd Masons, &
Thornley, J., Racecommon Road
[illegible] Sheffield Rd
[illegible] St Mason)
[illegible] Cope St
[illegible]
[illegible] Spencer St., Park Rd
Walker, F., 5[illegible], Princess St. Mason)
Watling, J., off Queen St. (Joiner,

[illegible]

Bagshaw, J., & Sons, Ltd. [illegible]
[illegible]
Barnes, S. S., & Sons, Dark Lane
[illegible]
[illegible]penter and
[illegible]
[illegible]ss Bank Painter
[illegible]
Booth, T., & Son, Commercial St. Joiners and Builders
Brook, H., Bradford Rd. & Joiner)
Crawshaw, S., Bradford Rd (Plasterer,
Elliott Thos., Station Rd (Plumber)
Exley Bros Wellington St. Plumbers and Glaziers
F[illegible], Wm., Taylor St. Joiner)
Field, E., Branch Rd. Joiner and Builder
Firth, J., Providence St. (Plumber and Glazier
Fox, [illegible] Joiner,
[illegible]odall, [illegible], Russell St. and Mason)
Greenwood, J., Union St. Plasterer,
Hepworth, J. D., Bradford Rd. Mason,
Hepworth, G. F., Stralan St. Mason
Hustwit, J. T., Taylor St. (Plumber and Glazier
Illingworth, C., White Lee (Joiner, &c.
Illingworth, T., White Lee (Joiner, &
Jessop, G. W., 7, Crossbank (Plumber and Glazier
Kaye & Seates, Old Mill Lane and Joiners
Kitchingman & Kaye Plasterers)
Mann Saml., Purlwell Joiner &c.)
Mo[illegible]neux & Ramm, Beck Lane, Carlinghow Painters, &c
Mortimer, T., Carlinghow (Mason,
Musk, R., Branch Rd. Painter, &c.)
North, W., Hanover St. and Joiner)
Oldroyd, J., Hanover St. Mason
Oldroyd, Thomas, Carlinghow Lane Mason
Pickles, Edward, Mount Pleasant Mason
Preston, John, Bath St Mason
Robinson, C. T., Purlwell Lane and M[illegible]
Sykes, E., Clerk Green Joiner
Talbot, J., Wellington St. Plumber and Glazier,

Yorkshire—*continued.*

Thompson, W. H., Princess St. Slater
Tomlinson, T., & Co., Commercial St. (Painters and Decorators)
Turner, Wm. Field Lane (Joiner)
Walker, Walter, Peel St. (Plumber [illegible]
W[illegible], 105, Commercial St. [illegible]

[illegible]

Foth[illegible] Warwick Rd [illegible] and Joiners
Hirst, Frank, Upper Rd. (Plumber)
Lyles & Smith, Batley Carr Saw Mills (and Joiners
Walker, S., Upper Rd. (Plumber and [illegible]

BEDALE

Chandler, T., Tanfield (and Joiner)

BEIGHTON, Rotherham.

Staveley, Thos.

BENTHAM (Lancaster).

Cumberland & Holmes

BENTLEY, near Doncaster.

Johnson, Wm

BEVERLEY

Calvert, E., Wood Lane (Joiner)
Constable, J., Newbegin
Downs, George, North Bar St (Bricklayer)
Elwell, J. E. & Son, North Bar St. (Art Joinery and Carving
Findlater & Co., Toll Gavel [illegible]
Foley, J. E., Toll Gavel (Mason
Jenkinson, D., Well Lane (Mason
Oxley, J., Walker Gate (Bricklayer
Pape, Geo., Walker Gate
Pape, Robert, Toll Gavel (Mason)
Potts, T. Minster Moorgate (Bricklayer
Ruston H. [illegible] Highgate (Joiner
Shepherdson, A. Minster Moorgate (Mason
Sykes, T., Wood Lane (Bricklayer
Wells, G. F., Wednesday Market [illegible]

BINGLEY.

Atkinson W. R. & R
Foster, Wm
Foulds, [illegible], & Bros (Masons)
Johnson, E., Park Rd
Thornton, W., Bromley Rd
Wood, Robt.

[illegible]

Robinson, F. G. (Mason

BILBY, [illegible]

Clark, [illegible] B (Joiner,

BIRSTALL, near Leeds

Akeroyd, J., & Sons, Gelderd Rd (Carpenters and Joiners,
Armitage, T. K., High St. (Plumber and Glazier
Crossley & Sons (Plasterers
Farrar, B., Brownhill (Mason,
Firth, J. F., Huddersfield Rd (Plumber and Glazier
H[illegible]kinson, Alfred L., Jackson St (Carpenter and Joiner
Leadbeater, B. (Plasterer)
Nelson, Isaac, Gelderd Rd (M[illegible]
North, Jos. (Plumber, &c.,
Willans, M., High St. (Joiner,
[illegible]
Yates, H. [illegible] and Joiner

[illegible]

Le[illegible]

[illegible]

Waddington, J., Kirby Hill

BRADFORD.

Beanl[illegible]
Binns, W. [illegible] anhope Works, Horton Lane
Bogg, W. G., Bertram Rd. (Joiner
Bolton, Thos., 78, Tudor St. (Plasterer
Booth, C., & Son, Lidget Green, Gt. Horton
Booth, M., Fox Brow, Clayton
Booth, O., Cragg St., Gt. Horton M[illegible]
Bradley, T., G[illegible]rlington
Briggs Bros., Lumb Lane Saw Mills
Briggs, E. & B., Low Moor, near (Painters and Decorators
Brook, Walker & Pitchers, 4, Northgate (Plumbers
Brown & Craven, Skinner Lane Manningham La
Broxup, A., & Son, Melrose House, Gt. Horton
Bywater, Saml., Low Moor, near [illegible]
Carr Bros., Manningham Lane (Shop Fitters
Clark, G. H., & Co., Hall Lane
Cliffe, J., & Co., Old Foundry, Leeds Rd (Ironfounders
Coates, J., Vignola St., Laisterdyke
Cole, Booth & Co., Dudley Hill (Ironfounders
Cole, Marchant & Morley, Prospect Foundry (Ironfounders
Copley, [illegible] & S., Lower Cobden St. (Joiners
Cordingley, T., & Sons, Thorncliffe Rd Manningham (Plasterers
[illegible]btree & Thornton, Havelock St., Gt. Horton
Day & Hainsworth, 38, St. Andrew's [illegible]
Dennison, J., Undercliffe
Dixon, B., & Co., 15, Chester St. (Plasterers
Dobson, J., 40, Church St., Manningham [illegible]
Drake, P., Allerton Rd. (Mason)
Farnell, W., 26, Northrick Pl. Manningham (Mason and Brick [illegible]
[illegible] & Son, Adolphus St [illegible]
[illegible]rew, John, Fountain St (M[illegible]
[illegible] Field Head Bldgs., [illegible] (Plumbers
[illegible]
Hargreaves & Dewhirst [illegible] Iron Works, Vaughan [illegible] (founders
[illegible]son, E., & Sons, Manor Row (Joiners, Plumbers, and Decorators
Hartley, Geo., 5, Manningham Lane [illegible]
Heap & Walker, [illegible] Tyrrel St [illegible]
Hill, Thos., 17, Spring Row, White Abbey Rd., Manningham (Plumber
Hill, R., 123, Manningham Lane (Plumber
Hill, A., & S[illegible], 15, Spring Row [illegible]
Hill & Nelson, Edmund St. (Slaters,
Hindle, T., Abingdon St.
Hodgson, E. & S., 43, Listerhills Rd (Plumbers
Hodgson W., & Son, 10, East Parade (Plumbers
Holdsworth, Wm., 97, Woodroyd Rd. (Mason
Howroyd, C., & Son, 85, Sterling St. [illegible]
[illegible], Clarence St [illegible]
Humphreys & Moulson, Horton [illegible]
Hunt, H., 95, Horton Lane (Painter)
Illingworth Bros 27, Thorncliffe Rd
Jackson, S., Caledonia St
Johnson, W., 15, Clarendon St., [illegible]
Lawson J. H., 252, Gt. Horton Rd., Gt. Horton (Painter
Lister & Myers, 66, Godwin St. (Painters
Lister, Samuel, Pennyoaks, Leeds Rd (Ironfounder
Lupton, S., & Sons, 31, John St. (Painters
[illegible] Manningham Lane [illegible]
Marsland, J., 257, Wakefield Rd. (Painter
Mears, T., Wade St. (Heating Engineer
Milnes, Thos. [illegible] St., Gt. Horton (Plumber
Monson, J., & Son, Brown St.
Nelson, Chas., Quebec Works, Thornton Rd. (Plumber,
Nelson, T., Springfield Pl. (Slater)
Oddy, S., & Son, 55, Market St. (Painters
Patefield, C., & Co., Whites View, Whetley Hill
Peel, H. Dudley Hill Rd.
[illegible]les, Thos., Dudley Hill (Plasterer)
[illegible], J., Moor Park Ter
Raper, R., Dudley Hill
Riley, Albert, 162, Cross St., Great Horton (Plumber and Glazier
Roberts & Co., Ltd., Culter Heights Lane (Ironfounders
Schofield, J., Laisterdyke
Shaw, E. & Son, North Parade (Shop Fitters
Slater, Saml., 8, Old Hill Top, Low Moor, near (Slater
Smethurst, W., 263, High St., Great [illegible]
Smithies, Jas
Smith & Wilkinson, Pannal St., Gt. Horton (Joiners
Smith, Wright, Cragg St. Gt. Horton
Sunderland, Saml., 1, High St., Gt. Horton (Plasterer
Taylor & Parsons, 28, Bank St. [illegible]
Taylor, Jas [illegible] Joiner, etc.
Taylor, T., & Son, Salem St
Thompson, N. & D., Ward St., Gt [illegible]
Thornton [illegible] Crofton, Hammerton [illegible]
[illegible], Bragg St., Gt. [illegible]
Throp, J. Gt. Horton (Plasterer)
Tootham & Bramforth, Spicer St
Townend [illegible] Croft St. (Plumber
Twivy, T., 7, Tennyson Pl. (and Joiner
Walton & Brear, 48, Manningham Lane (Plumbers
Watson, G. J., 48, Gt. Horton Rd.
W[illegible], H., & Sons, Tong St., [illegible] Hill (Carpenters and [illegible]
W[illegible]on (Joiners
Wilkinson & Dawson, Bowland St.
Wilkinson & Aldrett, 62, Copley St., Little Horton
Wilkinson, K., & Sons, East Parade
Wilson, H., Midland Bldgs. [illegible]
W[illegible]son, J., & Sons White Abbey Rd
Wray & Co., 14, Spring Gardens Rd (Masons

BRAMLEY, near Leeds

Appleyard Bros.
Hare, W. W.
Lambert, Arthur
Lamb, John (Plasterer
Thorpe, R., 9, Hough Grove

BRANDESBURTON, Hull

[illegible]eby, E. (Bricklayer,
Metcalf, H. (Joiner

BRIDLINGTON [illegible]

Bailey, Geo [illegible] (Plumber [illegible]
Bailey, J [illegible]
[illegible] T[illegible] H[illegible]dertoorpe
Earnshaw, A., Trinity Rd. (Mason
Gray, T., Commercial Bldgs
Hudson, J. H., Princess St.
Leeson, [illegible] J. Promenad
Limon, C., 6, Lincoln Ter., St. John [illegible]
[illegible] The Crescent
[illegible], Manor St.
[illegible]
[illegible]owston, C., [illegible] Elm Ter
Rennard, J., North Street Building Works
Sawdon, John, 14, Railway Crescent, Hilderthorpe
Walkington, D. G., Elm T[illegible]

BRIGHOUSE

Anderson, A., Owler Ings (Plasterer)
Armytage Bros., Bridge End (Plumbers,
Barraclough & Gledhill, Owler Ings [illegible]
Barraclough, H., Clifton Rd.
Bartle & Thackray, Hove Edge
Beckwith Bros. (Ironworkers,
Booth & Marsden, Birds Royd (Ironfounders,
Bottomley, George, Thornhill Briggs (Mason)
Bottomley, S., Houghton St.
Brooke, W., Peace St. (Plumber and Glazier,
Broughton, C. H., & Co., Mill Lane
Caudwell, Chas., Briggate (Plumber, [illegible]
Cardwell & Ogden, Briggate (Plumbers,
Cocksedge, Luke, Bracken Rd
Cross, [illegible], & Son, Marion Street [illegible]
Crowther, Job, 49, Briggate (Joiner)
Denham & Sons (Ironfounders,
Empsall Bros., Bonegate Road [illegible]
Fearnley, C., Clifton Common (Mason,
Firth, A., Elland Rd (Plasterer
Foster, W. H., Bethel St. (Painter)
[illegible] (Joiner,
Hardy & Briggs (Masons)
Hepponstall, C., Clifton Bridge (Plasterer)
Hirst & Baraclough, Bradford Rd.
[illegible]
[illegible] Owler Ings (Joiner)
[illegible] W., Owler Ings
[illegible]
Quamby, A., Briggate (Painter,
Rhodes, W., Bonegate Rd
[illegible], Clifton Common (Slater,
[illegible] & Sons, Park St (Joiners,
[illegible]
W[illegible]n & Roebuck, Lo[illegible]

BRITTON

Gladstone, M., Abbey St.

BROUGH

Goodwill, T., South Cave

BURLEY-IN-WHARFEDALE

Mounsey, W., Peel P.

[illegible]

Bark[illegible], John, & Son, Woodhall Rd.
Barraclough, Alfred, Thornhill [illegible]
Bretherick, George (Plast.
Child, John, Thornhill St. (Mason,
[illegible]
F[illegible], Chapel St. (Join[illegible]
[illegible]

CARLETON, near Skipton.

B[illegible]

CASTLEFORD

Allison, J., Cambridge St (Slater
Bateson, G., Albion St (Plumber and Glazier,
Binns, George, North St. (Plasterer)
[illegible]son S., Pontefract Rd (Slater
Firth, A., 28, Temple St (Painter,
Forster, J., Rhodes St., Hightown [illegible]
Gillatt, R., Perseverance St. (Joiner)
Holland, Wm., Carlton St. (Joiner
Marsden, H. F., Pontefract Rd (Plasterer
Nicholson, R., Aire St (Plumber and [illegible]
N[illegible] S., 5, Bradley St.
Perry, J., & Sons, Wheldale Lane (Carpenters and Joiners
Rodger, J., West St. (Drainer)
Smithies, J., & Sons, Wainwright St. (Plasterers)

Yorkshire—*continued.*

[illegible]
[illegible]
[illegible]
[illegible]
Walker, Richard, & Sons, Beancroft Rd
Walker, W., Charles St., Pontefract Rd
Watson, T., Carlton St. Painter
Whaley, J. H., & Son, 18, Bradley St. Carpenters and Joiners
Wilson, W., & Son, Eastfield Works Plumbers, etc.)
Wood, James, Oxford St.
[illegible]

[illegible]

Mackenzie, Geo.

CHAPELTOWN, Sheffield.

[illegible]
Marsden, R., Houseley

CHURWELL

Wood, J., & Son

CLAYTON, Bradford

Booth & Rushworth

CLAYTON WEST, Huddersfield

Hincliff, Geo., & Son

CLECKHEATON.

Broughton, T., & Sons, The Bottoms Plasterers
Burnhill, J., Bradford Rd. Painter)
Burnhill, J., High St. Joiner
Calvert, W., St. John's Pl. Joiner)
Collinson, D., Moor End Joiner)
Cragg, S. R., Bradford Rd. Plumber
Crossland, W., [illegible]
Crowther, G., Westgate Painter)
Drake, A., Westgate Mason)
Drake, Wm., 10, Northgate Painter)
Fearnley, S., Commercial St. [illegible]
[illegible] Masons
[illegible], W. T., Cross Crown St. Plumber,
[illegible]rst, J., & Son, Moor End (Masons)
Hadsworth Bros., New Rd. (Masons)
Isherwood, W. J., Westgate Slater)
Isherwood, W., Hope Saw Mills, Westgate Joiner
Morton, J., York Pl. Plasterer)
Nutter, S., & Son, Cheapside Painter
Peel, J., Albion St. Painter
[illegible] Bradford Rd. Plumber
[illegible] Westgate Slater
Robinson & Crowther, Whitcliffe Rd [illegible]
[illegible]
[illegible] W., Albion St. Plumber

CONISBOROUGH, near Rotherham.

[illegible]
Earnshaw Bros., Earnshaw Lane
Goodlad, Wm., High St.
Greathead, J., Church St.
[illegible]
[illegible]
[illegible]

CRAMBE.

N[illegible] W. Joiner)

CROSSHILLS, Keighley

Iddiough, H. & T. Joiners
Smith, W., & Co

CUDWORTH, near Barnsley

Lazenby, John
Straker, A. J. Mason)

DARFIELD.

Gamwell, H., Bridge Quarry

[illegible]

[illegible]

[illegible]

Taylor, Alfd.

DELPH, Oldham.

[illegible]
Winterbottom, [illegible] Mason,
Wood, James
[illegible]

[illegible]

Holmes, John

[illegible]
[illegible]
[illegible]
[illegible]
Bailey, G., Earlsheaton, near [illegible]
Best, H. J., & J., Staincliffe Rd [illegible] and Asphalters
Binns, John, Tweedale St. Plasterer
Blackburn, Henry, 6, Nelson Street Plumber
Blackburn, S., Halifax Rd. Joiner
Boddy, P. D., Albert Ter. Plumber)
Booth, S., Earlsheaton, near
Bottomley, F., Savile Town Plumber [illegible]
[illegible]
Brear, Thos., Sharp St. Slater)
Broadbent, J., Vulcan Rd. Plasterer)
Clay, Henriques, & Co., Savile Town Ironfounders
[illegible] W. H., West Town Joiner
[illegible] and Asphalter
Crabtree & Denton, Tweedale St Masons
Fawcett, George, Sharp St. Slater
Fawcett, [illegible], & Son, Bond St. Joiner)
Hargreaves, G., Cliffe St. (Slater)
Ineson, W., Halifax Rd. Painter)
Newsome, F., Halifax Rd. Plumber)
Porritt & Bray, Wellington St. Painters
Ramsden, Ned, Commercial St. Painter)
Richardson, J., Eastborough (Plasterer
Ruddlesden, S., Northgate (Painter)
Scott, M., Station Rd., Earlsheaton, [illegible]
Scott, W., & Sons, Leeds Rd. Masons)
Shepley, J., Northgate Plumber)
Smith & Topham, 30, Northgate [illegible]
[illegible]
Thompson, W. R., Railway St. Slater
Whitehead, George, Aldroyd St.

DOBCROSS, Oldham.

Hewkin Bros.

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SILVER ST & DOCKEN HILL

DONCASTER.

Recent Works executed include—

New Free Library and School of Art, Doncaster; [illegible] Cheers, Esq., Archt.

"Weardale," Tickhill, New Villa and Stabling, Messrs. Heathcote & Rawle, Archts.

[illegible] Church, [illegible], C. Hodgson Fowler, Esq., F.S.A., Archt.

Restoration of Sand Hutton Church, York, C. Hodgson Fowler, Esq., F.S.A., Archt.

New Business Premises for D. Roberts & Son, Doncaster; J. G. Walker, Esq., Archt.

Restoration of Oswaldkirk Church, York[illegible], C. Hodgson Fowler, Esq., F.S.A., Archt.

New Church at Flixborough, Lincolnshire; C. Hodgson Fowler, Esq., F.S.A., Archt.

Restoration of South Kirkby Church, [illegible] H. Hale, Esq., [illegible]

[illegible] Additions [illegible], [illegible] Esq., Archt.

Restoration of Marr Church, Doncaster; C. Hodgson Fowler, Esq., F.S.A., Archt.

[illegible] Hall, Tickhill, for B. J. W[illegible]; J. Henry Christian, Esq., Archt.

[illegible] and Additions to [illegible] Messrs. Chorley & Connon, Archts.

WM. ANELAY *continued.*

New Church at Hexthorpe, Doncaster; the Right Hon. Lord [illegible], Archt.

Restoration of Cantley Church, Doncaster; Messrs. W. Bucknall & J. N. Comper, Archts.

New Villa and Stabling, etc., for R. J. Garratt, Esq., Doncaster; J. G. Walker, Esq., Archt.

New Lodge and Stabling, &c., for the Right Hon. Lord Houghton, at Fryston; J. G. Kelly, Esq., Archt.

HAROLD ARNOLD & SON

Builders & Contractors,

PRINTING-OFFICE STREET,

DONCASTER.

Works executed are—

Station Buildings, at Retford, Grantham, Bourne, G.N.R., about [illegible] Engineer.

Oil Gas Works, G.N.R., £8,500; Richard Johnson, Esq., Engineer.

Maryland Point Station, G.E.R., £17,000; J. Wilson, Esq., Engr.

Engine Erecting and Wagon Building - Workshops, Sheet Stores, &c., G.N.R., £69,000, Richard Johnson, Esq., Engineer.

Flour Mills, Goole and Doncaster, £10,000, J. G. Walker, Esq., Architect.

Glyn Temperance Hotel, Doncaster, [illegible] J. G. W[illegible], Esq., Architect.

Artizan's Dwellings, New Denaby, £24,500, W. Chambers, Esq., Engineer.

[illegible] Residences [illegible] £[illegible], W. Masters, Esq., Architect.

Co-operative Hall and Shops, Doncaster, £15,750; Athron & Beck, Architects.

Board Schools, York, £21,500; Messrs. Demaine & Brierley, Architects.

300 Quarter Maltings, Peterboro', £16,500; Messrs. Evans & Son, Architects.

Messrs. Leetham's Warehouses, York, £14,670; W. G. Penty, Esq., Architect.

Dwelling Houses, M. S. & L. R. [illegible]

Drainage and Outfall Works, Conisboro', £9,000; G. White, Esq., Engineer.

Athron, John, 3, & 5, Park Rd.
Barber, J., 61, Cunningham Rd
[illegible]
[illegible]
[illegible]
Gill, Dennis, & Son, 8, Nether Hall Rd.
[illegible]
Johnson, W., Printing Office St
Moate & Carr, 39, Jarratt St
Mottram, Geo., 38, Queen's Rd
Mullans & Richardson, Stotton St
Salmon, Wm., 27, East Laithgate
Sprakes, C., & Sons, 37, East Laithgate
Watson, W., 181, Bentinck St.
Wombell, J. C., 117, Bentinck St.
Wortley, B., 12, Nether Hall Rd.

[illegible]

[illegible]
Hickson, W., Middle St. Stonemason,
Julian Bros., Doctor's Lane Joiners)
Lowson, W., & Son, Middle St. Brick[illegible]
Rudd, T., George St. Joiner)
[illegible]

[illegible]

Cowgill, W.

[illegible]
Prelsf[illegible]

[illegible]

Armitage, Robt., Ecclesfield Common
Calvert, Geo., Church Lane Slater

[illegible]

Bakes & Overend, Ashfield Place Joiners
Firth, Wm., Stoney Lane Concreter)
Hobson, S., & Son, Victoria Rd. Masons
Lee, M., Chapel St. Plasterer)
[illegible]
[illegible]
Th[illegible] & A. [illegible] Lane (Slaters

ELLAND

[illegible]
Crowther, J. E., Portland St.
Hawkyard,
Mackrill, J. Ironfounder
Wilson, J., Britannia Joinery Works

ELLOUGHTON, Brough

[illegible], J

ESTON, via Middlesborough.

Atkinson, I., Old Eston
Bearcroft & Wilkinson, Old Eston
Faley, G., South Eston

FERRIBY, NORTH.

Kirkby, R.

FEWSTON

Patrick, T.

FILEY.

Crew, John, Chapel St.
Cooper, Thos., 4, The Crescent
Fox, Frank, Church St.
Gardner, Robt., Scarborough Rd
[illegible]
[illegible]

FIRBECK

Hodkin, J.

FULFORD, York

Hopkins, H. Plumber

GARGRAVE.

Pickles, Thos. Mason
Roberts, F. and Joiner
Varley, Jas. High St. Mason
[illegible]

GILDERSOME

Grayshon, J.
Hadsworth, G. & T.

[illegible]

Ainley, Allen, Golcar Edge Painter
Garside, J., Clay Wells Joiner
Haigh, A., & T., Scarr Top Masons
[illegible]
Lockwood, W., Townend Joiner
Shaw, D., Golcar Hill Plasterer
Shigley, W., James St. Joiner
[illegible]
[illegible]
[illegible]

GOOLE.

[illegible]
Dixie, W., Phoenix St.
Fetherstone, W., Mariner's Ter.
Jackson Bros., Boothferry Rd
Kelsey & Son, Burlington Crescent
Tasker, Oswald, Hook Rd

GRANGE TOWN, R.S.O.

Fishwick, Wm., Whitworth Rd.

GRASSINGTON, Skipton

Mason, Joseph
[illegible]
[illegible]
[illegible]
[illegible]

GREENFIELD, Oldham

Bradbury, T., Parkfield House, Carpenters
Byrom, A., & Co., Carpenters,
[illegible]
[illegible]

[illegible]

Furniss, E., The Edge

Yorkshire—*continued.*

[illegible], Sheffield.

Clithero, M., Hill Top

Guy & Gooseman, Wellow Gate
Simpson, T., 1, Westbourne Ter., Wellow
Thompson, J. M., & Sons, Abbey Rd

Crudass & Sons
Heckie, W., & Joiner

Mounsey, S., & Sons, Station Rd., Masons

HAIGH, Barnsley

Gordon & Wood, Masons,

HALIFAX

A[illegible], Weymouth St. (Car-[illegible]
[illegible]pe St., Joiner
[illegible] & Sons, Winding Rd
L[illegible] T., & Sons, Stone Leigh, Parkinson Lane, Masons,
[illegible] W., Moorfield St., Mason
L[illegible] Lane, Foundry
[illegible]
[illegible] Newport, Hyde Park, Plasterers and Slaters
Boston, J. H., 60, Gibbet St., Plumber, and [illegible]
[illegible], Thomas, George Street, Plumber and Glazier
Carr, T., 11 & 15, Gibbet St., Painter and Decorator
Charnock, E., Charlestown Rd
[illegible], Regent St., Slater and [illegible]
[illegible], Lister Lane, Joiner
Dennis, H., Leeds Rd., Mason
Dodd, P., Swinton, Stanley Road, Plasterer and Slater
Dyson, A. B., 8, King Cross Lane, Plumber and Glazier
Dyson, J., & Son, King Cross Lane
Earnshaw, S., 7, Furguson St., Joiner,
Edwards & Akroyd, Holy Well Grn., [illegible] Mason
[illegible] & Son, Holy Well Grn.,
[illegible] & [illegible], Savile Park St
[illegible] & Firth, Lowthtown Rd.
[illegible] & Bottomley, South Parade
[illegible], 14, Eldon Pl., Mason
[illegible], Queen's Rd.
[illegible] & Sons, Stannary St., [illegible] Lanes Rd., Carpenters and [illegible]
Greenwood, F., & S., Gibraltar
Greenwood, G., & Sons, New Bruns-[illegible]
Greenwood, Harrison, 12, Masonic St., Parkinson Lane, Mason
Greenwood, W., & Son, 250, Pellon Lane, Masons
Greenwood, S., Booth Town (Car-[illegible] and Joiner)
Hainsworth, B., Bedford Ter., Hopwood Lane, Ventilating Engineer
Hall, G., Clover Hill Ter., Painter
H[illegible], J., Mill St., (Carpenter
[illegible], J., Horley Green, Wood [illegible]
H[illegible] & Co., Water Lane, [illegible]builders
H[illegible]worth, J. W., 66, Pellon Lane
[illegible]
L[illegible] Cross St
H[illegible], Corporation St., Plumber and Glazier
Holstead, A., & Son, West Parade, Carpenters and Joiners
Jenkinson, H., 104, Queen's Rd

L[illegible], A., Horton St. (Plumber)
[illegible]gbottom, G. H., & Son, Lord St., Painters
Love, E., Hanson Lane (Joiner)
Lumb Bros., Fenton Rd., King Cross, Plasterers and Slaters
Mauney, J., High Level Works (Joiner)
Milligan, W., & Sons, St. James' St., Painters and Decorators,
Loss Bros., Commercial Street, Painters
Naylor, E., 13, Gladstone Rd., Mason and Bricklayer
Naylor, J., & Son, Cheapside, Plumbers and Glaziers
Pickles, J., & Son, 62, Rosedale Rd., King Cross, [illegible]
Ratcliffe, W., & [illegible], Claremont [illegible]
Riley, B., & T. H., Lewis St
[illegible], Cromwell Ter., Hanson [illegible]
[illegible] & Firth, New Banks, Slaters and Plasterers
Siddal Bros., Hampden Pl., Gibbet St., and Masons
[illegible], Haley Hill
[illegible] Cross St
[illegible], Queen's Rd. (Joiner)
[illegible] Heath (Masons)
[illegible] Lane, Plumber and [illegible]
Townsend, G., & Son, Bedford St., Joiners
[illegible] A., Hope St., Carpenters
[illegible], Bank Wood
Tyson, F., Hawk View, Mason
Tyson, H., Warley Rd., Mason
Viney, J., Pellon Lane, [illegible]
[illegible] Sons, 17 and 19, [illegible]
[illegible], Plumber and [illegible]
W[illegible], & Co., Crossley St
Ward, W., Broad Street, Plumber
[illegible] B[illegible], Lytham St., Mason
[illegible], Moorfield, [illegible], Masons
Wilson, J. W., & Sons, Rose Street

HALTON, Leeds

Briggs, Geo. L., High St. (Bricklayer)

[illegible]ING HEA[illegible]N, Dar[illegible]

Airton, Robert, West End Avenue
Ames & Hawkins, Strawberry Dale, [illegible]
Barker, W., Tower St., Joiner
Baynes, John, & W., 17, [illegible], Slaters
Beverley, W., Albert St., Plumber
Bielby, Ld., Station Parade
Birkinshaw, W., [illegible] Rd
Brown, A., Harlow Ter., Old Bath Rd., Mason
Carrick, G. H., Little Wonder [illegible]
Cartman, [illegible], 9, Montpellier Parade
Da[illegible]
Dickinson, Isaac, [illegible]
F[illegible] T. W., Hurlow Rd., [illegible]
Fawcett, A., 70, Mayfield [illegible], Plasterer
Fortune, C., Alston House, Plasterer,
Foster, C., Prospect Pl., Plumber,
Foxwell, W., Otley Rd., Joiner,
[illegible]
Harvey, J., 6, Cornwall Rd. (Joiner)
Horner, J., Devonshire P[illegible]
Jackson, W., 5, Chapel St., Stangate
Johns, J., Regent Parade, Plumber,
Kendrew, A., 17, West Cliffe Ter
Laycock, W., Franklin Sq. (Plasterer)
L[illegible] R., 35, Strawberry Dal,

Light, J., Tower St., [illegible]
Linskill, T., Regent Saw Mills and Joiner
Middleton, C., Newnham Ter
Mitchell & Carrick, Franklin Rd., Joiners
Pratt, M., Cheltenham Parade
Raworth & Allen, Chiltenham Mount, and Joiners
Richmond, D., Albert St., Plumber
Robinson, W., Well Hi[illegible]
Rudd, J. W., 4, Ch[illegible], Stangate, Joiner
[illegible], Plumber
Shepherd, [illegible], Slater
Simpson, D., Four Ash, Clarence Drive
Simpson, J. & E., Albury Villas, [illegible]
Sixton, W., 1, Grey St., [illegible] Mount
Smith, A. F., Cold Bath Rd., Joiner
Stott & Alcock, Station Parade, [illegible]
Thompson, J., Tower St
Tony, Frank, Skipton Rd., Joiner
Topham, J., 41, Walker Rd
Tyson, John, Tower St., Plasterer
Walls, D., Church Sq
Whincup, J., Rock House, Franklin Rd
Wilcock, W., Church Sq. (Joiner)
Wray, Geo., Mason

HAWORTH, Keighley

[illegible], Mason
[illegible]
Wood & Thornton (Joiners)

HEADINGLEY, Leeds.

B[illegible] T., Victoria Rd
[illegible], Grimthorpe Ter
Rhodes, [illegible] H
R[illegible], North Lane
T[illegible] R., Victoria [illegible], Painter
Wilson, Matthew, M[illegible]
Wilson, W., & Son, Beb[illegible]
Wood, B., St. M[illegible]

[illegible]

[illegible] and Plasterer
[illegible] Hanza[illegible]
Burgh, J., Commercial St., Joiner
Bradshaw, J., Mason
Lister, J., Albert St. (and Joiner)
Lord, J., Slater and Plasterer
Mason, Thomas, New[illegible]
Riley, E., Waterloo [illegible]
Taylor, S., Plumber
[illegible] Mason
[illegible], Market St., Mason
[illegible] & Sons, Slaters and Plas-[illegible]

[illegible]LAND LINE

Allatt, J. B., Jeremy Lane, Mason
Bartlett, J., Mason
Barraclough, A. (Plumber)
[illegible] Lane, Masons
[illegible] Plasterers
[illegible]ridge, F., Plasterer
Granger & Cookson, Jeremy Lane, Plasterers
Greenwood, J. B., Cheapside, Plas-[illegible]
Kitchingman & Raye, Plasterers
Mann, G., Battye St., Joiner
Metcalf & Lockwood, Plasterers
Milnes, W. & T., Beck Lane, Joiners
Morcliffe, A., Plumber
Parker, W., Top of Jeremy Lane, Plasterer
Preston, G., Mason
Spivy, H., "Flush"
Thornton, J. M., Top of Jeremy Lane, Slater
Walker, F., & Co. (Plumbers,

HEDON, Hull

Heron, John, Bricklayer
Richardson, R., Joiner

HELMSLEY

Todd, J. E.

Frost, E., Bricklayer

Proctor, J. (Mason

HIPPERHOLME.

Booth, Joshua, Whitehall, Carpenter and Joiner
Drake & Kay, Painters
Constantine, T., Joiner
Foster & Son, Plasterers and Slaters
Marshall, J., Slater and Plasterer
Mitchell, S., The Green, Mason and Bricklayer
Newsome, W., Whitehall
Smith, W., South Edge, [illegible], Plumber
Wilkinson, S., Plumber

HOLMFIRTH

[illegible], Newtown, Plumber
[illegible] and Upper Bridge (Joiner)
[illegible], Hinchliffe Mill, [illegible]
[illegible], Pibbleden, Joiners
[illegible]stwood, A., Yoodale, Mason
England, E., & Sons, [illegible]
[illegible] Plasterers
[illegible] Joiner
[illegible] & Sons, Bingley
M[illegible] & Sons
[illegible]aw, J., Son, & Co., Huddersfield, [illegible] and Joiners
Thorpe, E., Town Gate, Plumber and Glazier
T[illegible], Hallowgate, Plumber
Turner, W., Underbank, Mason

HONLEY, Hud

[illegible]
Jenkinson, [illegible]
[illegible] & J.

Ackroyd, W. F., [illegible] Rd. (Joiner)
Armitage, John, Queen St., Painter
[illegible], Hy., Church gate, Plumber
[illegible]
[illegible] St., Joiner
[illegible]
[illegible] Street
[illegible] W., West Field, Joiner
Wainwright & S[illegible]
[illegible]
Walker, Jas. J., Church St., Plumber,
White, Hy., Vicker Lane, Joiner,

HORNSEA, near Hull

Barr, H. & W., [illegible]
Stephenson, W. B., [illegible]

[illegible]

[illegible] Mason
W[illegible] M., Broadgate Lane
Whitaker Bros.

HOWDEN

Kill, Joseph, Hailgate
Moore, D., Flat Gate
Shaw, G. H., St. John's St
Firth, C., Plumber, &c.

HOYLAND, near Barnsley.

Rawlin, W. H. (Plumber, &c.,

HOYLAND COMMON

Brearley, H., Princess St. (Joiner)
Cook, Geo., Stead Lane (Joiner,

Yorkshire—*continued.*

Hagne, M. A., Hoyland Rd (Mason
Hawke, Saml., Chapel St. (Mason)

HOYLAND NETHER.

F[illegible] & Sons, King St. (Plumbers
Hague, [illegible] Market St. (Mason)
McPartlan, Jas., Platt's Common (Plasterer)
Powell, A. W., King St. (Plumber
Rawlin, W. H., King St. (Plumber)

HUDDERSFIELD.

Armitage, Thos., Buxton Rd. [illegible]
Astley, Alfred, Glebe Pl., Marsh (Joiner)
Brook, M., North View, Leeds Rd
Brooke & North, Kirkgate (Plumbers
Brooke, J. B., West Parade (Joiner)
Brotherton & Wallis, Greenhead Rd. (Joiners
Brown & Thomas, Spring St. (Painters)
Calvert, F., Firth St. (Joiner)
Cooke, John, Folly Hall (Concreter)
Crossley & Boult, New St. (Plumbers)
Cross & Son, High St. (Painters
Crowther & Wilkinson, Marsh (Joiners)
Crowther, Alfd. John, William St. (Plumber
Dawson & Jones, Moldgreen, near (Joiners
Evans, W. B., 20, West Parade
France, W., Honley (Plumber and Glazier
Garton, G., Market Pl. (Plumber)
Graham, A., & Sons, Springdale, Manchester Road
Graham, B., & Sons, Folly Hall
Graham & Jessop, Moldgreen, near
Hall, H., King St. (Painter
H[illegible] tage, Northum[illegible]
Heywood, W. H., & Co., Leeds Rd (Glazing and Roofing Engineers
Hirst, B., & Sons, Spring St. (Joiners)
Holstead, H., New North Rd (Joiner)
Hollingworth & Son, Moldgreen, near
Holroyd, W. & P., 3, High St. (Painters
Jackson, A., Church St. (Painter
Jowitt, W. E., 44, Fitzwilliam St (Plasterer & Slater
Kendall, S., 6, Bryam St. (Painter
Knight, W. E., Bath Bldgs. (Painter
Littlewood, W., & Son, Berry Brow, (Plasterers and Painters
Maffin, F., & Co., Alfred St.
Milnes, J., Commercial St. (Plasterer)
Milnes & Garside, West Parade (Plumbers)

PICKLES BROS.,

Contractors for Slating Work.

LEEDS AND HUDDERSFIELD

Works Executed include—

South City Market, Dublin. Mansergh Church, Westmorland. Tylor & Son's New Works, Belle Isle, London. Tank Storage Co.'s Sheds, Purfleet, London. General Watson's Residence, Pontygwestla, South Wales. Pulp Works, West Hartlepool. Killerby Hall, Scarborough. Canal Sheds, Bootle, Liverpool. Winter Gardens, Southport.

And many other Works in various parts of England and Wales.

Preston, [illegible], Albion St. (Painter)
Radcliffe, J., & Sons, St. John's Rd. (Masons)
Richardson & Wilson, Hillhouse Lane
Robinson, J., & Son, Cleveland Rd., Marsh (Plasterers)
Roebuck, Hy., Newsome
S[illegible] Paddock (Plumbers
Schofield, Alfred, Moldgreen, near [illegible]
Stead, L., & Son, Hillhouse (Masons
Stead & Kaye, 2, Viaduct St. (Masons)
Stocks & Sons, Berry Brow (Masons)
Stuttard, J. H., 32, Ramsden St. (Painter)
Sykes, J. W., Lockwood Rd
Taylor, J. H., & Co., 17A [illegible]
T[illegible] St. East Par[illegible]
T[illegible] Slater and Plasterer
Wiley & Jessop, Waterloo (Joiners
Wood Bros., Queen Street South (Joiners)
Young & Co., St. George's Sq. (Electrical Engineers)

HULL.

Adkinson, S., Somerset St.
Anderson, H. [illegible] St.
Atkinson & Son, 6, Regents Ter., Anlaby Rd (Plumbers
Beall, J., 61, Holderness Rd (Plumber
Beal, W. H., Sharp St., Newland (Joiner)
B[illegible] St. L[illegible]
Bailey, T. W., 32, Pe[illegible]
Bealby, F. W., St. G[illegible]
Blackburn & Son, 61, Pee St.
B[illegible] W. G., 34, Clarendon St. (South Joiner)
Brentano, J. C., New George St. (Joiner)
Casey, J. T., Percy St.
Carr, J., 16, Constable St., Hessle Rd
Carston, H., 59, Maynard St. (Joiner)
Corley & Levitt, 13, East Parade, Holderness Rd (Bricklayers
Curtis, William, Hedon
Dalton, W., 9, Portland Pl. (Joiner
Darling, H., & Co., Chariot St. (Painters)
Darneley, A. J., & Son, 63, Spring St.
Dawber, W., & Son, Trippett (Slaters)
Dawes, J., 50, Windsor St
Drewery, H., Wellsted St. (Mason)
Drewery, W. C., St. Lukes St. (Painter)
Dreyer & Co., 7, St. John's St. (Painters)
Drury, J., Langdale Bldgs., Beverley Rd.
Eccles, G., Bridge Arches, Argyle St.
Evington, C. S., Barmston S
Fillingham, W., Sutton St.
Finch, G., Exors. of, Trippett St.
Folkard, W., & Son, 83, Spring Bank (Slater)
Fussey, R., Witham (Mason
Goates, T., 39, Brunswick Avenue (Bricklayer
Good, E., 96, Barmston St
Gouldesbrough & Son, 26, Scale Lane (Plumbers)
Grasby, W., Anlaby Rd (Plumber
Hall, F., 54, Mayfield St., Spring Bank
Hancock, J., 36, Waterloo St
Harbron, G., Story St. (Painter)
Harman, J., 53, Beaumont St. (Excavator and Pile Driver
Harper, M., 41, Brunswick Avenue (Bricklayer)
Haswell, Jas., 27, Westcott St
Hockney & Liggins, Gt. Union St
Hodson & Hebblethwaite, Cromwell St. (Joiners
Hodgson, W., 53, Spring St. (Plumber
Houlton, Geo., Baker St.
Houlton, J., Vicar Lane, and South St. (Joiner
Jackson, G., & Son, 36, Witham
Jordan, G., Spring St. (Mason)
Kelsey, A., Stepney
Kemp, J., Walmsley St.
Kendall, T., 4, Baker St. (Joiner, &c.)
Kennington, R. H., 91, Beverley Rd. (Plumber
Knowles, V., 24, Humber Dock St., and Blanket Row (Joiner)
Leake & Co., Anlaby Rd. (Masons)
Lee, —, 129, Spring Bank (Plumber)
Lison, W., 41, Portland Pl.
[illegible] South St. (Shop and [illegible]
Marsden & Son, Dagger Lane
Martindale, T. V., 314, St. George's Rd
Matthews Bros., Walker St.
M[illegible]
M[illegible], 45, Lansdowne St.
Musgrave, B., Accommodation [illegible], Wilmington
Myers & Templeton
N[illegible] Hy., Lambert St. (Joiner)
N[illegible]son, B., 20, Finsbury St., Beverley Rd (Bricklayer)
Padgett, W. G., Chariot St. (Plumber)
Paxton, G. H., Anlaby Rd. (Mason)
Pearson, Richard, Spring Bank
Peers, J., Beverley Rd (Mason)
Pickering, W., Prince St., King St.
Porter, G., Spring Bank (Mason)
Preston, J. H., 20, Mayfield St.
[illegible] & Son, Fountain Rd (Masons)
Redfearn & Son, Chariot St
Richardson, J., Spring Villa, Mayfield St
Richardson, R., Thomas St.
Robinson & Johnson, Middleton St. (Bricklayers
Robinson, D. K., Freehold St. (Bricklayer
Rowland, W., 5, Cambridge St.
Sanderson, W., Temple St.
Sangster, J., Northumberland Avenue
S[illegible] L., 88, Church St., Drypool
[illegible]ter, T. J., Argyle St.
Singleton, F., Wytham
Simpson, E., Lit[illegible] St
Simpson & Sons, [illegible] St (Joiners
S[illegible] J. T., 19, Wright St.
St[illegible]
S[illegible] Exors. of, 17 and 18, Wr[illegible] St
S[illegible] W., Anlaby Rd
S[illegible] W., Bean St. (Joiner)
S[illegible] F., B[illegible]ley R. (Mason
[illegible] Scale Lane (Plumber
Torr, J. Y., & Sons, Carr Lane (Painters)
Vickerman, W., 3, Cottage Row, Anlaby Rd
Wells, A., Bonet Shey (Painter
Wells, G. F., Prospect St. (Plumber
Wharram, W., 115, Waterloo S
Wade, T., & Son, Queen's Dock Side [illegible]
Wh[illegible] J. T., Spencer St. (Joiner)
W[illegible] Peel St. (Joiners)
W[illegible] (Painter)
W[illegible], J. F., S[illegible]

IDLE.

Barker & Illingworth, Albion Rd
Dixon, Harry (Mason)
Higginbotham, A., Albion Road (Plumber)
Hollings, Fred, The Green (Plasterer
Murgatroyd, C., & Son
North, Wright, 11, Apperley Rd. (Mason)
Obank, Thos., & Sons, Thackley
Scott, S., Towngate (Plumber
Thomas, H. & A., Crow Tree Works, Thackley Rd. (Joiners)
Thornton, J., & Son, Leeds Rd. (Masons

ILKLEY.

Boden, J. G., Brook House (Painter
Brown, J., Cunliffe Rd. (Mason
Cowling, Wm., Midland Hotel Yard (and Joiner
Dean Bros., 10, Nelson Rd. (Masons
Eagle & Mawson, Nelson Rd. (Joiners)
Featherstone, D., 3, Wells Walk (Mason)
Garside, [illegible], Cow Pasture Rd. (Plumber)
Graham, S., Brewery Row (Joiner)
Gummersal, B., Bridge Lane (Joiner)
Houldsworth, J., 1, Cunliffe Rd (Plumber
Lawson, J., Brook St. (Plumber)
Lister, O., Poplar Grove (Plasterer, etc.)
Richardson, [illegible], Brewery Row (Plasterer)
Stephenson, E., & Sons, Little Lane (Joiners)

INGROW, Keighley.

Bout & Clark
Foster & Fortune (and Joiners)
Taylor, Ineson, Lees (Joiner)
Wharton, J., Staveley Rd. (Joiner)

KEIGHLEY.

Bottomley, T., Bow St. (Plumber)
Bracewell, John, Thwaites
Clapham, Bros., Ltd. (Ironfounders)
Emmott, Bros., North St., Sandywood (Plasterers, etc.
Emmott, J., [illegible] Lane (Painters)
Greenhow & Murgatroyd, Townfield Works, Lawkholme Lane (Joiners)
Harrison, J., New Bridge St. (Plumber
Harrison, W. & J., 23, South St. (Plumbers, etc.
Hird, John, Bogthorne, near
Hird, T., Steam Saw Mills, South St.
Holmes, Richd., Park Lane (Joiner)
Jackson, J., Lawkholme Lane (Sanitary Engineer
Judson & S[illegible], Ap[illegible] St. and (Joiners)
King, J., Russell St. (Plasterer)
Lonsdale, R., Sun St. (Painter, &c.)
Lund & Reynolds, North St. (Plumbers)
Metcalfe Bros., Stanbury, near
Moore, T., Devonshire St. West (Mason
Newbould, B., Hanover St. (Plumber)
Petty, Frank, [illegible]field St. (Painter)
Robinson, H. Y., Lawkholme Lane (Mason, &c.)
Smith & Hardwick, Victoria Rd. (Masons)
Smith, Edwd., 20, Gordon St.
Smith, John, Green S[illegible] (Joiner
S[illegible] Mason & Joiner
Tatham, Alfred, Town Hall Yard, Cavendish St. (Decorator
Tillotson & Harrison High St. (Painters
Tomlinson, Robt., Russell St. (Joiner)
Varity & Shuttleworth, Strawberry St., North St. (Joiners)

KETTLEWELL.

Calvert, Fred (Mason)
Raw, J., & Son (Joiners)

KILDWICK.

Tillotson, R. & T.

KIPPAX, Leeds

Green, Wm., High St.

KIRKBY MALHAM, Skipton.

Padgett, A. M., Main St. (Joiner)

KIRKBY-MALZEARD, Ripon.

Dawson, H. (Mason)

KNARESBOROUGH.

Baynes, J., High St. (Slater)
Benson, C., [illegible] (Plumber)
Brazier, J
Cassel, W., York Pl. (Slater)
Foster, J
Naden, T
Sewell, J., Iles Lane
Swailes, J., Finkle St. (Joiner)
Thompson, G., Park Row

LEEDS.

Airey, Wm., 13, Cliff Mount
Ambler, C., Wellington Rd., New Wortley (Plumber
Appleby, J. H., Park Lane
Armitage & Hodgson, Camp Rd. Mills

Yorkshire—*continued.*

Atkinson, H., & Son, Carlton Hill and Joiners
Branton, Robt., 12A, Skinner Lane Plasterer
Barber, W., 74, Blackman Lane
Barrand, W. & C., Woodhouse Lane Plumbers
Bateman, A., Columba St. Painter
Bedford, J. E., Chapeltown Rd. Plumber
Benton, J., New Briggate Joiner
Binns, J., 69, Raglan Rd
Bloomfield, W., & Son, Croton St., Armley
Bond, Francis, 48, Grace St. Plumber and Glazier
Braithwaite, H., & Co., Swinegate Plumbers
Branton, R., Lovell Land Plasterer
Briggs, E., Park Cross St. Marble Mason
Briggs, Wesley, Sheepscar St. Plumber
[illegible], Thornhill Ter., [illegible]
Brown, [illegible] & Son, 11, St. [illegible]
B[illegible], A. S., Lofthouse [illegible]
B[illegible]n, Richard, 15, Oatland Avenue, [illegible]amp Rd
Burnell, G., Water Lane
Butler, J., Mill St. (Painter
Child, J., Kirkland St. Plasterer
Clarkson, B., Chapel-Allerton
Cockersole, A. W., 10A, Portland St Slater
Cogan, T., Great George St. (Painter

CRAVEN & UMPLEBY

JOINERS, BUILDERS AND CONTRACTORS,

HARTLEY HILL,

LEEDS.

Works Executed Include :—

City Markets Extension, A. W. Morant, Esq., Engineer £8,000, for Carpenters' and Joiners' Work.

[illegible] Art Gallery, W. H. Thorp, Esq., Architect, £[illegible].

New Medical School, Leeds, W. H. Thorp, Esq., Architect, £7,000, for Carpenters' and Joiners' Work.

Coliseum, Leeds, W. Bakewell, Esq., Architect, £9,000.

Mercury Office Extension, Leeds, T. Ambler, Esq., Architect.

Yorkshire Post New Premises Chorley and Connon, Architects.

Leeds School Board, 12 Large Schools.

[illegible] Leeds, G. F. Danby, Esq., Architect.

Trinity Church Restoration, Thos. Winn, Esq., Architect.

Infirmary Extensions, George Corson, Esq., Architect.

Skyrack and Morley Branch Bank, Edward Dodgshun, Esq., Architect.

Vicarage, Chapel-Allerton, G. E. Street, Esq., London, Architect.

Also a great many other Churches, Chapels, [illegible], Warehouses, Hotels, Restaurants, and [illegible] Residences in all parts.

Cromack, A. B., Town St., Armley Plumber
Cross & Carter, Bowman Lane
Crowther, J. S., Skilbeck St., New Wortley (Joiner
Cullingworth, R., & Sons, Park Cross St
Curtis, J., & Sons, 6, Wade St. [illegible]
Dakin, J. D., 1[illegible], Woodhouse St. Plasterer)
Dean, T., 10, Coburg St. Bricklayer
Dews, W. H., & Co., Skinner Lane
Dougill, Alfred, 36, Gt. George St. Plumber
Dresden, Bros., Chapeltown Rd Painter
[illegible]lson Bros., Kirkstall, Joiners
[illegible]lott, Alfred, Greengates, Apperley Bridge, Plumber, &c
[illegible]lson Bros., Amberley Rd., New Wortley
Fenton, [illegible], Camden [illegible], Woodhouse Lane, Painter
Fox, John, 7, Hanslet Lane, Plumber and Glazier
Gibson, W., Institution St
Gould, Isa[illegible], [illegible]head Works, H[illegible], Hunslet
[illegible], Thos., 26, East Brechett [illegible]
Grant, [illegible], Upper Wortley Rd. Painter
Grayson, Wm., 22, Cemetery Place Painter
[illegible]wood Bros., Green's Court, [illegible]
Hague, Ernest, Kingston Rd., Bagby Fields, Carpenter and Joiner
Haigh, Jas., Back Portland Crescent Whitesmith, Bellhanger, etc
Hall, David, St. Ann's St. Carpenter
Hannam, T., 9 & 11, Raglan Rd
Hargrave, W., 8, Benheim Place
Harrod, T., Craven Rd. Joiner
[illegible]
Hemmingway, W., 144, Fenton St Painter
Heslop, R., Mistress Lane, Armley Painter
Hind, A., Roundhay Rd. Plumber, &c
Holdsworth, W., Leighton Lane Plasterer
Hogate, Jas. M., 31, Greengates, Apperley Bridge, Joiner
Horsman, John, Craven Yard, Upper Mead Row, Carpenter
H[illegible], T., 11, Mark Lane, Joiner, [illegible] etc
H[illegible], Geo., Amberley Road, Armley
Hunmerston, James, East Parade Decorator
Hutton, Geo., 74, Albion St.
Ingle, Herbert, Greengates, Apperley Bridge Joiner
Ingleson, J., & Son, St. Stephen's Rd., Burmantofts, Joiners
Irwin, W., & Co., 2, Burley Rd.
Jackson and Monkman, Cookridge Street, Joiners
Jackson, F., & Co., 17, Park Row Painters and Decorators
Jackson, G. E., Carlton Hill
Jackson, J., Hyde Park Corner [illegible]
Judd & James, Joseph St., Hunslet
Kirby, Robert, St. Peter's Square
Knapton, A., Upper Wortley St
Knighton, R., Dufton's Yard, Marsh Lane, Bricklayer
Lambert, R., Marsh Lane, Joiner)
Ledgard, J., & Son, [illegible] St
L[illegible], [illegible] Street [illegible]
Lindley, J., 22, Gt. Wilson St Meadow Lane (Plumber
Lobley, W., Northfield House, Lovell [illegible]
Lucas, C., & Son, Kirkstall Rd
Lumley, J., East St. Plumber
Mankin, John, Powell St., Hunslet
Marsh, Jones & Cribb, West Bar Decorators
Mason, Geo., Wellington Rd., New Wortley, Painter
Mason, W., & Son, 150, Woodhouse Lane, Joiners
Mawson, B., Barrack St. Joiner
Millard, Walter A., 19, St. Columba St. Joiner
Milner, Geo., Park Lane, Slater
Moore, Hy., 1, Hampton Terrace Plasterer

THOMAS MOORE,

PLAIN & ORNAMENTAL PLASTERER, ETC.,

FIBROUS PLASTER WORKS,

CONCORD STREET,

LEEDS

Works executed include—

Prudential Assurance Buildings, Leeds, Alfred Waterhouse, Esq., R. A., Arch.
Yorkshire College, Hall, Library, and Art Rooms, Messrs. A. Waterhouse & Son, Archts.
Leeds and County Liberal Club, Messrs. Chorley & Connon, Archts.
Yorkshire Penny Bank, Leeds; Messrs. Perkin & Bulmer, Archts.
Leeds Industrial Co-operative Society, New Stores, W. S. Braithwaite, Esq., Archt.
London & Midland Bank, Kirkgate, Leeds, Wm. Bakewell, Esq., Archt.
Wheatfield Lodge, Headingley, Extensive Alterations and Additions, T. B. Wilson, Esq., Archt.
Sun Fire Insurance Co.'s Offices, Leeds, Messrs. Chorley & Connon, Archts.
Trinity Wesleyan Chapel, Leeds, Geo. F. Danby, Esq., Archt.
Princess Palace Music Hall, Leeds, New Ceiling, Chas. Fowler, Esq., Archt.

Mountain, [illegible], & Son, 47, St. Paul's St. Plasterer
Myers, C., Woodhouse St
Nettleton, W., Tenter Lane, Joiner
Newton Bros., 17, Cookridge St Painters

W. NICHOLSON & SON,

Builders and Contractors,

9, SOUTH BROOK ST.,

And Prospect Saw Mills,

CROWN POINT RD., LEEDS.

Works Executed include—

The Yorkshire Penny Bank, Leeds, £30,000.
The York City and County Bank, Leeds, £12,000.
The London and Midland Bank, Leeds, £6,000.
Beckett's Bank, Goole, £13,000.
Engine Sheds, for the Midland Railway Co., at Stourton, £20,000.
Restoration of Newby Hall, for R. C. Vyner, Esq., £11,000.
Ossett Street and Bridge, G.N. Rly. Co., £16,000.
Restoration after fire of Messrs. Fowler and Co.'s Works, in 6 weeks, £5,000.
Trestle Bridge for the M. R. Co., temporarily after fire at Leeds Station, erected in 5½ days, £8,000.
Also many other Contracts in various parts of the country. We can supply with photos if necessary.

Oakes, G., & Son, Anchor St., Hunslet
Pashley, J., & Son, Bruce St., New Wortley
Pearson, J. E., 21, Regent Ter.
Pennington, W., [illegible], Woodhouse Lane, Plasterer
Pickard, J., 10, Dorrington St.
Pickersgill, F. J., 218, Woodhouse Lane, Painters
Pickles Bros., Canal Wharf, Neville St. Slaters
[illegible]
[illegible] Beeston
[illegible] Burmantofts
Pycock, Hy., 4, Albion St. Slater
Rhodes, F., Skinner Lane
Richardson, J., Albert Pl., and Victoria St., Chapel Allerton
[illegible]
[illegible] New Wortley
[illegible] J., Kirkgate, Painter and [illegible]
Roylance & Horsman, 40, St. Mark's Rd. Painters
Sanderson, J., Hunslet Lane, Joiner
Schofield, J., Sons, & Co., Airedale Works, Kirkstall Rd
Senior, John, 5, Lascelles St. Plasterer
Sharp & Harper, Manor Rd. Slaters
Simpkiss, W., Swan Junction, Hunslet
Skirrow, J., 66, North St. Plumber
Slater & Son, Hyde Park Corner [illegible]
Smith, Herbert, Armley, Painter
Spencer, W., & Sons, Pinfold Lane, Armley
Stephens, A., 19, East St. Plumber)
Story, Thos., 50, Cookbridge St. [illegible]
Stringer, R., Queen St. Stourton
Sutton, Thomas, [illegible], Wood St. Plumber
Sykes, Wm., 11, Craven Ter., Carlton H.
Symington's Ltd., Carlton Villas, [illegible]
Thackray, W., Delph Lane, Woodhouse, Mason and Joiner
Thompson, G., 69, Park Lane, Plumber
Thompson, W., & Son, Chapeltown Rd
Thorpe, Ralph, Burley Rd.
Tomlinson, J., & Son, Front Row, Victoria Rd. Joiners
Townsend, J., Tong Rd., Wortley Plumber
[illegible]att & Sons, Anchor St., Hunslet
[illegible], J. W., Quarry Sq. (Plumber)
Wade Bros., Cliff Rd., Woodhouse
Wales, E., Wortley Rd., Armley
Walker, E., 115, James' Crescent, Tong Rd., Armley
Walker, Josiah, Wesley Rd., Armley
Walker, J., 59, Ottery Rd. Painter
Walsh, W., & S[illegible], 52, Wade Lane, Painters
W[illegible], J., Butt's Court, Albion St. [illegible]
W[illegible], J. W., 132, Woodhouse St. [illegible]
W[illegible]on, Aviary Rd. Armley
Westmoreland, J., Langham St., New Wortley
Weatherley, J., Chapeltown Road (Plumber
Wilby, J., & Son, Wellington Rd., New Wortley
Wilkinson, J. H., Rampart Road, Woodhouse, Plumber)
Woffenden, J., Crown Point St Plumber
Wood, J., & Son, 27, Cardigan Rd
Wood, Robt., Woodhouse Lane
Wood, Sons & Co., Park Sq.
Woodhead & Co., Park Lane Painters
Wooler, E., George & Dragon Yard, Briggate, Plumber
Woolley, J., Portland Crescent
Wray, Wm., Brudenell Rd. Joiner
Wright, Edward, 316, Burley Hill, Burley
Wright, J. T., 3, Hartley Hill
Wright, Richard, 9, Melbourne St. Carpenter and Joiner

LIGHTCLIFFE, Halifax.

Crossley, W., Hovedge (Mason)
Dawson, T. C., Park View (Mason
Woodhead, M. (Joiner)

LINDLEY, Huddersfield.

Bates, S.
Bottomley, T., & Sons

Yorkshire *continued.*

Dyson, E. & C. Plumbers
Fox, H. & L.
[illegible]
Stott, J. C., Oakes Saw Mills Joiner,

LIVERSEDGE, near Normanton.

Cowburn, J., Millbridge Joiner,
Elstub, Alfred Millbridge
Furniss, W., Hightown Plumber,
Hobson, T., Hightown Painter
Horsfall, G., Station Rd. Mason,
Lucas, F., Millbridge Plumber,
Moore, G., Littletown Joiner,
Spivey, H., Flush

LOCKWOOD, Huddersfield.

Barber & Kettlewell, Rashcliffe Joinery Works
Gleauill, Walter, Yews Hill Road Mason
Longbottom, T., & Sons, Swan Lane Plasterers and Slaters
Mallinson, W., & Sons Masons etc.,
Mason, F. Hot Water Engineer,
Pogson, F. Mason
Shaw, J. Plumber, etc.
Sunderland, J., & Sons and Joiners
Taylor, D. & Sons Plumbers

LOFTUS, R.S.O., near Saltburn.

Bolton, R., North Rd.

LOXLEY, Sheffield.

Brearley, Arthur, Staceybank Mason)

LUDDENDEN Manchester

Alderson, E., & Co., Luddendenfoot [illegible] Plasterers
A[illegible]n, Jonas, & Son, Luddendenfoot Plumbers and Glaziers
Alderson, Thomas, New Rd. Slater and Plasterer
Alderson, Wm., New Rd. Plumber, Glazier, etc.
Calvert, J., Booth Plumber, Glazier, etc.
Eli, A., & Co., Luddendenfoot Joiners
Pickles, Thos.
Robinson, Henry, Luddendenfoot Carpenter and Joiner
Robinson, John, Belle Vue Ter., Luddendenfoot Slater & Plasterer

MALTON.

Barnes, A., Cemetery R[illegible]
Dodsworth, M., Yorkersgate
Hodgson, T., Greengate Hill
Oldfield, Henry, Cattle Market

MANSTON, Leeds.

Marsh[illegible] W.

MAPPLEWELL, Barnsley

Chapman, T., Greenside Joiner,
Mason, A., Blacker Painter
Storrs, J., Blacker and Joiner,
Taylor, A. Plumber
Taylor, G., Four Lanes End Mason,
Taylor, G. L., Greenside Mason
Wilkinson, S., New St. Plumber,

MARSDEN.

Goodall, [illegible]
Whitehead, J. & J.

MASBRO', Rotherham

Appleyard & Sons, Masbro' St. (and Joiners,
Bywater, O., Providence St. (and Joiner
Chadwick & Co., College Rd.
Earnshaw, W., Mary St. and Mason
Jo[illegible]
May, G. H., Ferham Pk. (& Joiner
Scott, J., 100, Clough Rd. & Mason,
Snell, Robert, Station Rd. & Mason
Woodhead, G. (and Joiner)

MELMERBY Thirsk.

Hammond, W. (Joiner)

MELTHAM

Earnshaw, J., Helmet
Earnshaw, W. H. [illegible]
Garlick Bros., Westgate Joiner,

Moorhouse, J., & Sons, Golcar Brow
Moorhouse, J. M. (Joiner)
Moorhouse & Taylor, Mill Moor Joiners
Myers, W., & Son Joiners
Pogson, E., & Co., Mill Moor
Wilkinson, J., Holt Head

MENST[illegible]

Cowling, M.

MEXBOROUGH, Rotherham.

Badger, J., Wood St.
Ba[illegible], George, Wath Rd.
Briggs, Chas., Chapel Walk
Dodsworth, J. Baker St.
Dodsworth, Saml., Bank St.
Hewitt, J., Doncaster Rd.
Huntingdon, T., Pitt St.
Kelly, Richard, Schofield St.
Newsum, F., Wath Rd.
Smith, G. H., Rock Pottery, Bank St.
Tyas, Herbert, Hope St.

MICKLEFIELD.

Firth, R., South Milford

MIDDLESBROUGH.

Allison Bros., 4, Marsh Rd. Joiners,
Baker Bros., Corporation [illegible] Plumbers, &c.
[illegible], 193, Gummergate Ter.,
[illegible]
[illegible] Bros., Linthorpe [illegible]
[illegible] James, Milton St. [illegible]
Braithwaite, R., Bolton House, Linthorpe Rd. Joiner,
Bray Bros., St. Paul's Rd.
Brotton, W., B[illegible]
Bullough, J. F., Corporation Rd.

Chapman, F., 11, Westward St.
Dickinson, T., Grange Rd. East
Doughty, D., 28, Milton St.
Farnshaw & Co., Marsh Rd.
France, M., 12, Bright St.
[illegible]outt, E., 7, Granville Rd.
Gunson, W. A., Wilson St. [illegible]
Hudson Bros., Duke of York St. Joiners
Johnson, J., & Son, [illegible]
[illegible]
Newport Rd.
[illegible] 11, Corporation Rd.
[illegible]
Martin, W., & Son, 153, Linthorpe Rd. Painters
Mason, R., Old Packet Wharf Slater
Newby & Co., Ferry Rd. Joiners
Patterson, D., Hartington Rd. Plasterer
[illegible]
Plumber, &c.
Scott & Co., Albert Rd. Painters
Spence, E., Linthorpe Rd. Plumber
Sturdy, W., Breatnall St. Joiner
Sweeting, R., St. Paul's Ter. Newport Rd. (Joiner
Taylor, W. L., Albert Rd. Painter
Tomlinson, H., 90, St. Paul's Rd. Plasterer
Tyreman, E., 40, Westward St. (&
Watson, D., 6, Corporation Rd. Plumber, &c.
Wood, Thos. Church St.
Zealand, C., 85, St. Paul's Rd.

MILNSBRIDGE

Allison, T. Slater and Plumber)
Armitage, J. Plumber
Cheetham Bros., George St.
[illegible]son, Afd., Spring Mill Mason
[illegible]ses, Enoch Market St. Plumber

[illegible]

Parker & Clough, Easthorpe Joiners
Blackburn, J. W., Stock's Bank Mason
Brearley, C., Stock's Bank Plasterer and Slater
Buckley, Josiah, Hopton [illegible]
Bywater, T., Easthorpe Pa[illegible]

Fawthorp, C., Trinity St. Plumber and Glazier
Johnson, S., & Son, Stock's Bank Plasterers, Slaters, and Concrete Floor Layers
Milner, W. & J. [illegible]lands Rd. Mason
[illegible] Lane Mason
[illegible] Rd. Painter
[illegible] New Scarboro' Plasterer [illegible] Slater,
Smith, Wm. Batleyford (Joiner)
Stevenson, John, Easthorpe (Joiner,
Walker, E., & Co., Station Rd. Plumbers and Glaziers
Walker, P., Stock's Bank Plumber and Glazier

MONK FRYSTON, South Milford, R.S.O.

Watson, Geo.

MORLEY

Akeroyd, J., & Son
Anty, Wm., Chapel Hill Plumber, &c.
Clegg, J., & Sons, 10, Wesley St. Joiner, &c.
Furness Bros. Bruntcliff
Johnson, G., Victoria Ter.
Sugden, J. & J., High St.
Sykes, W. & J., Gt. Northern St.

MOUNT TABOR, Halifax

Marsland, E. (Carpenter and Joiner)
Gaukroger, J. Mason)

MYTHOLMROYD.

Greenwood, G., Plumber & Glazier
Kershaw, L. (Carpenter and Joiner)
Priestley, H.
Robinson, James Slater & Plasterer

N[illegible]

Blakeley, J., & Sons

[illegible]

Radge, G.

[illegible]

Denison, F.
Leake, R., & Sons
Teal, Robert L., Talbot St. Works [illegible]
Wilde, John, Knottingley Plasterer,

NORTHALLERTON

Foggin, T. Joiner
Fowler, F. B. Plumber)
Gibson & Sons [illegible]
Horner, [illegible] Plumb[illegible]
[illegible]
Willoughby, [illegible]
Wilson, J. Joiner

NORTH FRODINGHAM

Cammidge, T.
Witty, W. Bricklayer

NORTON, MALTON.

Anderson, Thos., Mill St. (Mason, &c.
Kitching, Wm., Scarborough Rd. Joiner

Anthony Lyons

Builder

AND

Contractor,

LANGTON ROAD,

NORTON, MALTON.

References and Photos of Works executed sent on approval, both Ecclesiastical and domestic.

ESTIMATES GIVEN.

Works—

St. Nicholas Street, Norton.

Prest, R., Wood St.
Whitwell, Thos., Commercial St. [illegible]
Wilson, W., Wood St. Joiner, &c.)

NOTTON, Barnsley.

Nussey, Arthur

OAKWORTH, Keighley.

Akroyd, N., & Sons
Bland, Stephenson Joiner)
Green, John, Hill Top Joiner
Hartley, Joseph, Harewood [illegible]
Heaton, A., Lidget Hill
Roper, W., Providence Wks. Mason)
Sharp, S.
[illegible]len, Mitchell, & Sunderland
Wilkinson, James, Woodville Joinery Works Joiner

[illegible]

Horsnell & Heald, Queen St. Joiners
Land & Nettleton, Dewsbury Rd. Joiners,
Lockwood, A., Intake Lane (Mason
Lockwood, Mark, Little Town End, Joiner,
Lucas, A. Plumber and Painter)
Oldroyd, Ed., Prospect Rd.
Pickersgill, John, Street Side (Con[illegible]
Snowden, J., & Son Plumbers, Painters, and Glaziers
Stubbs, R., South Ossett
Tolson, E., & Sons, Westfield
[illegible] St. Joiners

OTLEY

Bennett, E., & Son Painters,
Cawood, F., 8, Fairfax St.
Chaffer Bros., Plasterers,
Dennison, Jos. Westgate Joiner,
Farrand, G., Boro gate Plumber)
Marston, T. & W., 56, Skipton Rd.
Norfolk, J., Cross Green Mason,
Patrick, F., Back Lane Joiner
[illegible]ctor, H., Station Rd. Joiner
[illegible] Wm.
Suttle, [illegible], & Son, Court House St. Plumbers,

OULERTON

Proctor, [illegible] Hinsbro'

OXENHOPE, Keighley

Crabtree Jonas, & John Crummock
Wadding, Bros., & Holmes
Whitaker, Heaton, Uppertown Joiner,
Wright, Wm., Station Rd. (Joiner,

PARKGATE, Rotherham.

Lindewell, J.
Treherne, W. H.

PATRINGTON, Hull.

Brewster, D. Joiner,

PENISTONE

Hawley, T. & J., Steam Saw Mills, Penistone Green Joiners,
Wainwright, A., Prospect House, Thurlestone

PICKERING

Marshall, William (Joiner)
[illegible]

POCKLINGTON

Grant, Thos., Union St.

PONTEFRACT

Casey, F. A.
Gelders, J. & J., Northgate
Goodhill, Hy., Southgate
Heseltine, D., California
Marsden, [illegible] Plasterer
Pearce, M., The Booths Joiner)
Senior, [illegible] (Slater)
Spurr, Geo., Castle Moat
Taylor, Alfd., California
Taylor, E. H., Sessions House

Yorkshire—*continued*

Taylor, J., Wakefield Rd (Mason, &
Thornton, J Carpenter and Joiner
Walker & Ward, Mill Hill
Wilcock, O., Moor Hill

PRESTON, Hull

Fewster, J Joiner

POOL, near Leeds

Kaye, S

PUDSEY

Dawson Bros.
Haton, Thomas Joiner
Hutton, Edmund Fulneck Joiner
Hutton W, Fulneck & Mason
Johnson, S., Chapeltown Joiner
Scarth, Jos Plumber
Whitham, A Joiner,
Wood, I

QUEENSBURY

Bairston, Jos., & Son (Joiners, &c
Balmforth & Reece, Scarlet Heights Masons
Balmforth, Edwin, Scarlet Heights Mason
Balmforth, Ephraim, Scarlet Heights
Benn, Sam, Wellington Mills, Joiner, &c.
Briggs, Jonathan, Calder Bank Wrks Joiner &c
Farnell, John Ambler Thorn Joiner
Gregson, Samuel, High St. Painter
Hodgson, Samuel, Springgardens St Painter
Jennings & Whittaker High Street [illegible]
Ramsden, Abraham, Ambler Thorn
Rushworth, John, Ambler Thorn Joiner, &c
Stocks, Michael, High St. (Plumber and Glazier
Wright, Fredk., Sandbeds (Plumber and Glazier
Wright Saml. Sandbeds Plumber and Glazier

RASTRICK

Bottomley, P Mason
Bottomley, Thos., Railway Saw Mills
Broadbent S
Dyson, George
Goodyear, J H
Marshall & Oldfield (Painters
Morrell, Chas Joiner
Rayner, B., Gooder Lane Joiner
Shaw, John, (Plumber, &c)

RAVENSTHORPE

Barme & Jackson, North Rd Joiners
Barker J H, North Rd Painter
Clayton & Son, Huddersfield Rd Plumbers
Oldroyd, J Huddersfield Rd Mason
Summersgill, H Huddersfield Rd Plumber
Whitehead, C., & Sons
Whitehead, J H North Rd (Joiner

RAWDON

Manns, G & R., Low Green Plumber
Richardson, J, New Road Side Slater

RAWMARSH

Bool F & J Plumbers, &c
Pugh, Ge[illegible]

RICHMOND

Shaw, Wm., Newbiggin
Wade, Geo., Nagg's Head

RIPON

Akers Bros., Kirkgate Painters
Baynes & Rawe, North Rd Slaters
Blackburn, W F M, 89, St Mary's Gate Bricklayer and Plasterer
Boddy, H, 17, Kirkgate
Bruce, R., Allhallowgate Bricklayer
Barton, W., High Skellgate Painter
Calvert, J. R., Westgate Painter
Coldbeck, J. H., Duck Hill and Water Skellgate Joiner)
Daston, C., Allhallowgate (Plumber
Darnton, T., Queen St Painter
Florentine, Jos., King St. Mason
Gowing, J., North St Plumber
Harrison, T., North St Plumber
Johnson E., Low Skellgate Joiner,
Lawley, W., Kirkgate Painter
Metcalfe, John, Kirkgate Joiner
Mitchell & Webster, Heckler Houses Bricklayers, Masons and Plasterers
Rowley, John, Skellgate Joiner
Simpson, J P., Canal Yard Joiner
Trees, Abel, Coltsgate Hill Bricklayer)
Wright, Thomas, St. Agnesgate Plumber

RIPPONDEN

Crawshaw Bros. Woodvale
Holroyde, Joseph
Stafford, J

RISHWORTH

Cockcroft, Jas., Pike [illegible]
Riley, E., Butts Green Mason
Whiteley, C & W, [illegible] Carpenters and Joiners
Whiteley, J., Goat House Carpenter and Joiner

ROTHERHAM

Bell, W., 140, Effingham St
Cox, G., Exors. of, Wharncliffe St
Fox, O., Mansfield Rd and Joiner
Green, C., & Co. Wellgate
Hodkin, J., Firbeck
[illegible], J., 52, Oxford St
[illegible]
[illegible] Mason
[illegible]
[illegible] St Ann's Rd
Thornton, W., & Son [illegible] St
Wortley [illegible]

ROTHWELL, Leeds.

Chapman, John
Chapman, Wm
Copley, Walter Joiner
Stainer, Thos

ROYSTON, Barnsley.

Catts [illegible]

SALTBURN-BY-THE-SEA

Biscomb, W., 5, Stanhope St
Cooper, C., 26 Emerald St
Farrar, Z., Ruby St Plumber and Whitesmith
Hutton & Barton, Ruby St.
Jones, John, Station St Plumber and Whitesmith
Metcalfe, John Emerald St. Plumber and Whitesmith
Naylor, F., Coral St. Plasterer
Robinson, M. L., Drummond St. Joiner)
Sixter, John, Garnet St. Stonemason
Smith, W H., Emerald St.

SCARBOROUGH

Adamson, W E [illegible] Castle Rd [illegible]
Atkinson, W [illegible] Alma Parade [illegible]
Barry J Westbrook Works Trafalgar St W
[illegible] & Sons, 70 Victoria Rd
[illegible], Alexander, Gladstone St [illegible]
Bland, J., Aberdeen Walk Joiner

SEPTIMUS BLAND,
CERTIFIED PLUMBER,
32, BAR STREET, SCARBORO'
Works Executed include—
Spa Saloon Buildings, Scarboro'; Messrs. Verity & Hunt, Architects, London.
New Convent, Scarboro'; F A. Walters, Esq., Archt., London.
Alterations to the Hall, Thornton-le-Street, Yorks; G H. Hunt, Esq., Architect, London.
Alterations to North Sea Bathing Infirmary, Scarboro'; Fowler Jones, Esq., Architect, York.
Bull Hotel, Scarboro'; Messrs. Hall & Tugwell, Architects, Scarboro'.
Belvedere Estate, 19 Large Houses, 6 Villas and Mansion, J. Petch, Esq., Architect Scarboro'

Bradley, G., & Sons, 80, Westborough Painters
Craven, T., & Son, Newton St. Plumbers
Flinton, Chas., Belle Vue St
Foster, J., Haddo Ter Joiner
Jaram, J., 16, Gladstone St
Towsey, W., Victoria Rd
Livingston, J B., Haddow Ter., Aberdeen Walk
Manson, S., 118, Victoria Rd Joiner
Maynard, D., 32, Castle Rd Plumber
Milner, Wm., Prospect Rd Joiner
Oates, James, 14, Brunswick Ter
Padbury Bros., Trinity Works
Petch & Fox, Victoria Rd
[illegible], Geo Melrose St Works [illegible]
Stephenson Bros., 39 Queen St. Plumbers
Waniess, J., Westborough Painter
W[illegible] A C 75, North St. Joiner

SEDBERGH.

Sedgwick, M

SELBY

Foster, D., Millgate
Foster, H., Water Lane
Gregory, B., Burn, near
Leveridge, W., and Sons, Ousegate
Smith, J., Ousegate
Ullathorne J., Millgate

SHADWELL, Leeds

Knapton, Wm. (Stonemason,

SHAROW, Ripon.

Lee, J. Montgomery Rd

SHEFFIELD

Allsat, W Grimesthorpe Rd
Arnold J., Corporation S
Ash, Son, & Biggin, 13 17, Furnival St Moorhead
Ashforth F., Burngreave Rd
Ashton, A., Mount Pisgah Broomhill, Mason
Astling, J Brotherton St
Ayre, F., 182, Langsett Rd
Bartram, Wm Elm Tree Hill Joiner
Bee, John, & Son, London Rd South, [illegible]
Black G., Bennett St Joiner
Boot, James, Edgerton Lane Joiner
Boulby, J., & Sons, Charlotte St
Bown, Edwd., 15, Clarence St., Broomhall Slater, Plasterer, and Painter
Bradbury, A., Oxford Rd Bricklayer
Bradley, F., 40, Carver St
Braithwaite, & Co, Carver St. Plumbers
Bridges, W A., 105 & 107, Washington Rd (Plumber
Brocklehurst, C., Vicar Lane
Brumby H., Montgomery Rd.
Bush, W., 56, Charlotte St
Carr, G., 85, Carlisle St. East
Chadwick, C., & Sons, Victoria St., Glossop Rd Slaters & Plasterers,
Chambers & Son Pondhill
Cook, J D., Meersbrook Park Rd., Heeley
Corrie, J. B., & Sons, 33 & 35, Carver St. Plumbers)
Coward, J., Duke Street Park
Crookes, Isaac, 119, Petre St.
Crooks, W., & Son, 127, Devonshire St (Joiners
Cullabine, J., & Co., 46, Devonshire St [illegible]
[illegible] 2, Brookfield Rd
[illegible] St Joiner)
Dutton & Evans Fitzwilliam St. Joiners
Ellis & Wetherall, 61, Broomhall St. Slaters,
[illegible], Spring St
Eyre, F., [illegible] Langsett Rd
[illegible] Saville St Mason
[illegible] W. & A., 24-30, St. Mary's Rd Joiners, &c
Fox, C., Bradfield
Freckingham, Henry, 72, Wicker Bricklayer
Fuller Wm., 162, Devonshire St. Painter
Gillam, C. H., 81, Langdon St.
[illegible]ing, W., 42, Sharrow St
[illegible], Chas., 121, Hadfield St
[illegible], J., & Son, 16 & 18, Netherthorpe Pl., Portmahon [illegible]
Goulder, J., 44, Daniel Hill, Upperthorpe
Grayson, R., 135 [illegible]
Greenwood [illegible]
H[illegible] J Wood [illegible], H[illegible] Mason
[illegible] A S., 111-115, West St. Painter, &c
Hodkin & Jones, Bramall Lane Plasterers)
Holmes, H., Upper Hanover St. Joiner)
Holmes, J [illegible] Napier St.
Horner, —, 120, Young St. (Joiner'
Hudson & Dure, Daniel Hill St. Slaters and Plasterers
Ingram, G., 80, Amberley Rd., Attercliffe Common
Jeckells F., Glossop Rd. Painter
Keeton, John, Intake
Lees, J., 98, William St.
Lee, Thos., 54, St. Mary's Road, Joiner
Lingard, H., 136, Fitzwilliam St
Longden, G., & Son, [illegible]
Loxley, H., & Son, Alma St Joiners,
Marsden, Robt., Mytham Bridge, [illegible]
Martin & Hughes, 4 Club St., Club Garden Rd
Masson, John, 8, Talbot St (Joiner)
Mastin, J., & Sons, 15, Cavendish St Masons
May, W., Brighton Terrace Rd.
Mellowes & Co., Corporation St. Plumbers, Glaziers, and Roofing [illegible]
Morton, J., 109, John St., Bramall Lane
Mottram, W., & Sons, Ash St
O'Neil [illegible] & Son, 178, Howard Rd
Oxley, G & E 5, Upper Hanover St. (Joiners
Parsons, Saml., 5, Lambert St Joiner
Pearson, J., 19, Stafford Rd
Peel & Fox, William St.
Petfield, B 5, Cavendish St. Plumber and Glazier
Pinder Bros., Intake
Powell, B. & Son, 37, Cavendish St. Masons
Roberts C., Attercliffe Common
Roberts, G., 144, Club Garden Rd
Robertson, J T., William St. Joiner,
Roper, Thos., 11, Ashdell Rd, [illegible]
Sandell, Wm [illegible], Crookes
Shepherd & Sons, 103, Rockingham St

Yorkshire—*continued*

[illegible], [illegible] Moorbrook
Sivel, Geo., 162, South View Rd
Slack, D., Winter St. Joiner
Smith & Snape, 84, West St. Painters
Smith, A., 206, Broomhall St.
Spink, J., Oxford Rd Saw Mills
Spurr, G., 135, Gell St.
Statham, Walter, 64, Fitzwilliam St. Plumber
Summers, Seth, 17, Balaclava Rd [illegible]
Taylor, T., Reed St. Joiner
Thickett, G., 67, Coporation St. (Plumber
Townrow, M. I., NetherGreen Joiner
Tune, W. J., 119, Attercliffe Rd. [illegible]
Turner, A., Rockingham St.
Unwin Carter & Son, 86, Earsham St. Plasterers
Vasey & Son, 148, Club Garden Rd
Waddilove, H., 26, Broad St. Park Plumber & Glazier
Walker, J. R., & Sons, Charles St. Plumbers and Glaziers

GEORGE WEBSTER,
BUILDER & CONTRACTOR
292, Intake Road, Sheffield,
AND
Matlock Moor Quarries, Derbyshire.
All Communications to be sent to Sheffield Address.

W[illegible]
City Theatre, Sheffield. New Workshops, Furnaces, &c., for Messrs Lockwood Brothers, Ltd., Sheffield Royal Hospital, opened by the Duchess of York, 11th May, 1895, Sheffield. New Abattoirs, for H. Hide, Esq., Sheffield. Alterations and Additions to St. John's Schools, Park, Sheffield. New Offices, Church St., for Messrs. H. & A. Maxfield, Sheffield. New Villas, Halamgate Rd., Crookes, for Self, Sheffield. New House for F. W. Jackson, Esq., Dore. New House, for B. Wake, Esq., Dore Moore. Restoration St. Helen's Church, Treeton.

Works in progress
New Shops for Grand Clothing Hall Co., Sheffield. New Warehouse, &c., for Hide & Skin Co., Sheffield. Alterations and Additions to Glossop Road Baths, for Corporation, &c., &c., &c., Sheffield.

Wheen, J. & H., 87, Porter St.
White, A., Attercliffe Common
White, J., Penistone Rd. Mason
Wildgoose, L. T., 115, Empire Rd
Wilkinson, J., & Sons, 206, Gleadless Rd., Heeley, near
Wise, J., & Sons, 482, Glossop Rd Joiners
Wolstenholme, B., 178, Broad Lane

SHEPLEY, Huddersfield.

Jessop, A.

SHERBURN, South Milford, R.S.O.

Thompson, W., & Sons

SHIPLEY.

Bairstow, James, Frizinghall
Cryer Bros
Dawson, F., & Sons
Deacon, J., Wharf St. (Mason and Bricklayer
Holden, J., Windhill
Ives, Fredk., Dale St. Works
Ives, W., & Co., Gatefield Works Joiners
Pitts, W., & Sons, Field St. Masons and Bricklayers
Rhodes Bros., Saltaire Joiners, &c.

Taylor, R. D., Otley Rd. (Plumber and Glazier
Wilks & Ross, Market Pl. Plumbers

SKELTON, York.

Middleton, C.
Sharp, J., Yeoman St.

SKELTON-[illegible]

Gowland, J. M. Plumber

[illegible]

Baldwin, D., Keighley Rd. Plumber
Calvert, Arthur, Otley St. (Plumber
Duckett, T., Sackville St. Mason)
Horner, F., High St. Plumber)
[illegible]
Kirk, B., Carleton Rd
Mason, G. H., 54, High St. Plumber
[illegible]
[illegible]
Roberts, [illegible]
Robinson, J. F. Mason)
Thornton, T., Belmont Bridge (and Joiner)
Williams, Saml. (Mason)
Windle, J., & Son, Canal St. Joiners

SLAITHWAITE.

England, E., & Sons
Holroyd, W., Crumble
Varley, J., & Son

SOOTHILL, Batley.

Walker, J. W., Oaks Rd. (Joiner)

SOUTH BANK.

Atkinson, J.
[illegible]
Dandy, J.
Radge, W., 16, Redcar Rd.
Severs, J.

SOUTH MILFORD, R.S.O.

Copley, J., & Sons
Elsworth, Thos.
Sunderland, Robert (Joiner,

SOUTH STOCKTON.

Henderson, W. & H., 3, Harerower Ter
Smith, W., Mandal Rd.

SOWERBY BRIDGE.

Dyson, T., Tull Lane
Fox, W., & Sons
Robinson, W., & Sons, Wharf Cottage
Siddal & Hanson, Sowerby
Stafford, J. (Plumber and Glazier)
Sutcliffe, Wm., Marsh
Whitehead, E., & Co., 21, West St. (Painters
Whiteley, George, West End (Slater and Plasterer)

STAINCLIFFE, Dewsbury.

Chadwick, E., & Sons (and Joiners
Crosland, Hy. (Mason)
Firth, John, Bunker Hill (Mason)
Lockwood, Jas. (Plasterer
Richardson, J., & Sons (and Joiners

STAINLAND.

Cookson, J. (Joiner
Helliwell, J., Stainery (Mason
Park, A. (Carpenter and Joiner)
Townsend, B., & Sons (Painters)

STANNINGLEY, Leeds.

Laycock, J., & Sons, Richardshaw Lane (Plasterers)
Mann, J. B., Bradford Rd. (Joiner,
Pennington, H., Town St. Plumber
Thompson, F., Bradford Rd. (Slater,

Yorkshire—*continued.*

SUTTON, Hull.

Carrick, A. (Joiner)
Easingwood, F. Bricklayer
Sonley, J. B. (Joiner)

SWINTON.

Bower, E. J., Church St.
Bower, J. A., Middletons Villa
Holt, J.
Kemp, C. (Slater)

TADCASTER.

Bilbrough, Geo., Victoria Ter
Brayshaw, John, Wetherby Rd
Fairbourn & Son (Painters,
Greenock, W. (Joiner)
Jackson, Ed., Westgate (Joiner)
Tindall, Geo. (Plumber)

THIRSK.

Jackson, W., Westgate
Manfield, [illegible], Sowerby Ter

THORNTON, Bradford.

Fielding, Francis, Crown Inn
Robinson, Frank
Rouse, J. W., High St.

THORNTON-LE-CLAY.

Danby, W.

[illegible]

Rawson, Harvey

TIMBLE, Otley.

Dickenson, [illegible]

TREETON, Rotherham.

Foers, Frederick

TRIANGLE.

Greenwood, John, Glen Villa (Carpenter and Joiner
Lumb, George (Painter)
Whiteley, L. (Carpenter and Joiner

UPPER MILL, Oldham.

Benstow, James (Carpenter)
Hinchcliffe, J. (Mason
Noble & Son
Radcliffe & Rowlands
Shaw, Jas. (Painter, Slater, &c.
Walker, John (Carpenter
Whitehead, E.

UTLEY.

Hillary, W., & Sons (Masons,
Smith, A. & J.

WADSLEY BRIDGE, Sheffield.

Bertram, James
Crowther, T. [illegible]
Nelson, Thomas

WAKEFIELD.

Atkinson, S., Calder Vale Rd. Plumber, &c.)
Bagnall, [illegible], Eastmoor Rd. Mason [illegible]
Bramald & Broadhead, Kirkgate and Joiners
Broadbent & Sons, 160, Kirkgate Painters
Brooke, J., Cross St., Northgate Plumber, &c.
[illegible], J., Stanley, near [illegible]
Denholm, F. W., & Co., Drury Lane Masons and Bricklayers
Dennison, C. S., White Swan Yard, [illegible]
[illegible]
[illegible], Arundel St. Plasterer,
[illegible], Saville St. Plumber)
[illegible], Regent St., Belle Vue
[illegible], & Bros., York St. (Builders and Bricklayers)
Frear, J., Albion St. Plasterer
[illegible], East Ardesley, near Bricklayer

Goodall, Lister & Goodall, Borough Market Painters
Holmes, Wm., Stanley, near (Joiner
Ibbottson, N., Clarion St., Belle Vue, Joiner
Illingworth, J., 14, Bank St. (Slater)
Judge, W., Southgate Works (Joiner, &c.)
[illegible]
[illegible]
[illegible]
[illegible] Joiner
Lockwood, B., Horbury Rd. Builder and Bricklayer
Mosley, F. E., 44, Northgate
Mountain, J. & J., Gill's Yard, Northgate Joiners
Moxon, T., Barstow Sq. Painter, &c.
Newsome & Johnson, Saville St. (Joiners
Nicholson, W. H., Jacob's Well Lane [illegible]
[illegible], Providence St. Plasterer
Powell, G., Cross St. Painter
Reynolds, J., Stanley Rd. Plasterer
Rocroft, C. F., Park St. Slater
Shaw Bros., Murgatroyd's Yard, Kirkgate Plasterers
Squires, C., Sanderson St., Primrose Hill Joiner
Stead, G. E., Tootal St. Plumber
Stafford, F., Market St. Plumber
[illegible], Teall St. Builder & Bricklayer
[illegible], Northgate Builder & Bricklayer
Tattersall, T. C., Thornhill St. [illegible]
[illegible]
[illegible], W[illegible] St. Painters
W[illegible], F., 184, Kirkgate Plumber [illegible]
W[illegible], T. & G., Park Lane (and Bricklayer
Wood & Blackburn, Albion Court (Joiners
Woodhead [illegible]

WARLEY, Halifax.

Mitchell, T.
Turner, J., Winterburn H[illegible] Mason and Bricklayer

WENTWORTH.

Bower, G.
Cooper, W., Lea Brook

WETHERBY.

Allan, Arthur, High St. (and Joiner)
Illingworth, Geo.
Thain, G. B.

WHITBY.

Brain, J., Silver St
Coverdale & Longhorn, The Cragg [illegible]
Fletcher, Thos., Love Lane (Joiner, &c.)
Gladstone, J., Stirling House
Harland, Robinson, Fishburn Rd.
Langdale, W., & Sons, Baxtergate
Liddell, W., Abbey Ter.
Palframan, Albert, Chubb Hill Rd
Richardson, David, Newholm, near
Russell, J., Church St
Smith, B., Silver St. (Joiner, &c.)
White, J., 11, Windsor Ter
Winterburn, C., 11, Silver St.

WILLERBY, Hull.

Stephenson, N. (Bricklayer)

WILSDEN, Bradford.

Greenwood, Stephen (Mason,
Hardy & Firth (Masons

WOMBWELL.

Broadbent, Wm. (Mason
Johnson, Wm. (Mason
Linford, Chas. (Joiner,

Yorkshire—*continued.*

WORSBOROUGH

Hammerton W. Exors. of, Worsbro' Dale
Higham & Porter, Worsboro' Dale Masons
Robinson, F., Bridwell

WYKE, near Bradford

Birkby, H., & Sons, Storr Hill Brick Works
Fairburn, Saml., 85, Huddersfield Rd. Mason
Holdsworth Bros

YEADON

Firth, A. (Plasterer)
Flesher, W. & Sons
Greaves, F. W., Henshaw (Plumber)
[illegible] Mason
[illegible] Mason
[illegible]
[illegible] Plumber
Taylor, James, Westfield Works

YORK

Ankers, J., Dove St
Bailey & Doughty, 10, [illegible] Rd. Painters
Barry, T. P., Park Crescent
Bellerby, W., & Sons, Petergate [illegible]
Bellerby, [illegible] Hungate Saw Mills
[illegible] W. [illegible] Scarcroft Rd. Plumber
Birch, J., Railway St. (Plumber)
Birch, W., Barbican Rd
Birkill, C., 19, Avenue Terr., Clifton
Biscomb, J. & T., 9, Peckett St., and Lime St., Hungate
Chapman, W., 53, Hanover St., [illegible] Road
Colman, H., Burton Lane (Bricklayer)
Creighton, Geo., Fishergate
Dearlove, G., Fetter Lane Smith
Dennison, W., 50, Marygate
Dent, R., Lord Mayor's Walk
Dimmey, W., 10, Scarcroft Rd. (Joiner)
Docking, S., 81, Micklegate (Plumber)
Dodgson & Son, Alexandra Terr., Bishophill Slaters
Dodsworth, J. & Sons, Clementhorpe Painters
Farrer, H., Micklegate Joiner
Gandin, W. J., Castlegate Plumber
Gray, G., 9, Eastern Ter. Plasterer
Gray, R., 4, Priory St
Hall, G. Cromwell Rd. Mason
Hardgrave, J., Skeldergate Slater
Harrison, W., & Co., Aldwark
Harrison, W., 35, Coney St
[illegible], T. G., Blake St. Painter
[illegible]gton, E., Avondale Crescent, Bishopthorpe Rd
Hick & Hobson, 8, Little Stonegate
Hodgson, T. G., 12, Grape Lane Plumber, &c
Hughes, B. Bootham Crescent
Kay, J. B., Piccadilly Joiner
Keswick, J., 56, Micklegate
Kidd, G. H., 80, Monkgate
Lupton, J., Monkgate Plumber, &c
Mansfield, G., Harts Terrace Layer-[illegible]
Mitchell, Jas., Fishergate
Martin, R., & Son, Longfield Ter.
Moyser, T., & Son, Monkgate [illegible]
Naylor, G., 5, Union Terr. Bricklayer
Oxtoby, T. M., Fawcett St., Cattle Market Painter
Parker & Sharp, Peasholme Green
Plows, J. Barker Hill Mason
Pottage, E., Holgate Rd. Joiner
Rawling, F., & Sons, [illegible] Plasterers
Rawling, T., [illegible]
Shepherd, F., Queen Anne's Rd. Bootham

J. H. SHOUKSMITH,

Plumber, Glazier Gasfitter, and Ironmonger

MICKLEGATE, YORK.

Registered by the Worshipful Company of Plumbers, London.

Works Executed include—

New Wing to Convent, York; Messrs. Goldie, Child & Goldie, London, Architects. New Vicarage, Easingwold, Ewan Christian, Esq., F.R.I.B.A., London. Royal Station Hotel, Hull, £4,000; W. Bell, Esq., Architect. Twenty-one Villas, York, £3,500; W. G. Penty, Esq., [illegible] New Wing to County Asylum, York [illegible] [illegible] Villas and Houses, York, £2,000, Messrs. W. Brown & S[illegible], Architects. New [illegible], York, W. G. Penty, Esq., Architect. Darlington New Railway Station, £9,000, W. Bell, Esq., Architect. [illegible] Wesleyan Church, York, £800; C. Bell, Esq., Architect, London. New Co-operative Stores, Chester-le-Street, Durham; Messrs. S. Oswald & Son, Architects, Newcastle. Additions to Sir Ed. Green, Bart's, House, York; F. Simpson, Esq., Architect, Wakefield. New Laundry, County Asylum

J. H. SHOUKSMITH—*continued*

York; G. H. Fowler Jones, Architect. New Railway Shops, Heaton, £4,000; W. Bell, Esq., Architect. New Business Premises for Messrs. Leak & Thorp, York, W. G. Penty, Esq., Architect. New Farmsteads, Huby Barn; Chas. Hornsey, Esq., Architect. Central Station Hotel Newcastle, £5,000; W. Bell, Esq., Architect. National Provincial Bank of England, York; C. R. Cockerell, Esq., London, Architect. Newcastle Railway Station, [illegible], W. Bell, Esq., Architect. Acomb Board Schools, York; Messrs. Demaine & Brierley, Architects.

Simpson, J. East Parade, Heworth Road
Simpson, T. & Son, Priory St
Smithers, H., 13, Blossom St. Joiner
Smithson, H., Micklegate Joiner
Swalwell, J., Clarence St. Mason
Thomas, J., 60, Stonegate Painter
Thomlinson-Walker, W. [illegible] Ironworks, W[illegible]
[illegible] Nunnery Lane Mason
Thorpe, W., Fulford
[illegible]
Turner, H. [illegible]
Usher, W., Hull Rd.
Walker, G., 17, Little Stonegate
Webster, —, St. Saviourgate Painter
Wilson, J., & Son, Walmgate Saw Mills
Welburn, T. Blake St. Painter
Wood, R., Gillygate Plumber

3. Scotland.

ABERDEEN.

Abernethy, J., & Co., Ferryhill Foundry Ironfounders
[illegible] A., & Co., 4, Hutcheon St Slaters
Anderson, J. F., 2 & 4, Bath St. Plumber
Bain, L., & Son, [illegible], George St Carpenters
Bannochie, J., & Sons, 19, Belmont St. Plasterers
Barber, J., 48, Claremont St., Builder
Barron & Son, 16 & 18, Loch St Painters and Grainers
Barry, Hy., & Co., 1[illegible] West North St. Ironfounders
Beattie, R., 8, Fraser St. Mason
Bisset, P., & Son, Willowdale Pl., West North St. Masons
Blaikie & Sons, Little John St Plumbers
Brown, Alex. & Sons, 42, Cathrine St. Carpenters
Bruce, G., 361, George St. Carpenter
Bryce, H. & J., 24, Upper Kirkgate Plumbers
Buchan, R., 196, Gt. Western Rd (Mason
Cameron & Mathew, Balmoral Ter. Masons
Campbell, Geo., 1, Dee Village Rd Plumber
Campbell, J., Dee St. (Plumber
Cheyne, A., St. Swithin St
Copland, Edwd., 85, Rosemount Viaduct Painter
Copland, John, 54, Hutcheon St. Slater
Copland, W. C., & Co., 9, Broadford Pl. Slaters
Coutts, Wm., & Sons, 168, Union St. Painters
Currie, G., 31, Gilcomston Park Slater
Davidson, G., 8, Thistle St. Slater
Dawson, W., 74, Huntley St. Carpenter
[illegible], G., & Sons, 16 & 18, Netherkirkgate Painters
Dryden, James, Bonaccord Lane Carpenter
[illegible], G., Kintore Pl. Mason
[illegible]nslie, A. G., Rose St. Plumber
Farquhar, Geo., 26, Union Row Slater
Farquhar, J., 20, Broomhill Pl. Carpenter
Farquharson, W., Fraser Rd. Mason
Ferguson & Co., 476, Union St. Painters
Forbes, J., Bridge of Dee, Carpenter
Forbes, W. D., 35A, Chapel St. Carpenter
Fordyce, G., & Co., Fraser Rd Masons
Franklin & Fiddes, [illegible], North Albert St. Plumbers
[illegible], 5, Dee St. Painters [illegible]
[illegible] & Walker, 45, Richmond St Masons
[illegible], J., & Sons, 55, Rose St. Carpenters and Carvers
[illegible]auld, E., Gilcomston Pl. Mason
[illegible]auld, J. Gilcomston Park Mason
[illegible], 82, Fowis Pl. Mason
Gordon, W., 4A, Crown Ter. Millwright
Gordon & Watt, 39 and 41, Woolman Hill Painters, &c
Grant, T., [illegible] Rosemount Pl. Mason
Greig & Craib, 16, Broomhill Rd. Masons
Green, J., 27½, Short Loanings Carpenter
Hall, George, 80, Blenheim Pl. Mason
Harper, J., 23, South Constitution St Slater
Henderson, J., 19, Summer St. Carpenter
Henderson, R., 82, King St
Hendry & Keith, 21, Gilcomston Park Carpenters
Hunter & Coutts, St. Peter's St Mason
Jamieson, G., Barron St., Woodside Carpenter
King & Milne, Maberley St. (Carpenters
Kirk, J., & Co., 124, Huntley St. Plasterer
Law, A., 5, Little Chapel St. Slater
Leslie & Hay, Fraser Rd. Carpenters
Lumsden, Jas., 138 & 142, John St Plumber
Macandrew, D., & Co., 120, Loch St
Macdonald, George, 74, Woolmanhill Carpenter
Mackenzie, John, Gilcomston Park Mason
Maitland, C., 171, Union Grove Slater
Mason, J., & Sons, 36 & 38, Queen St. Painters
Masson & Seller, Rogers Walk Plasterers
Matthews, J., 70, Woolmanhill Plumber
McGregor & Shand, 57 Charlotte St Slaters
M[illegible] W., & Co., Spring Gardens Ironfounders
McLeod, James, Upper Kirkgate Painter
McRobie & Milne, Albert Place Carpenters
Merson, A. E., 16, Dee St. Slater
Milne, A., & Son, Bonnymuir Pl Masons
Milne, W. W., 80, Crown St. Slater
Morgan, John, 76, Charlotte St
Morren, J., 46, Rosemount Place Slater
Murray, A., 190, King St. Slater
Park, James, 85, Claremont St. Carpenter
Petrie, G., Flowmill Brae Plumber
Philip & Williamson, 3 & 5, Huntley St. Painters
[illegible], St. Peter [illegible] Mason
[illegible], Thistle Lane Mason
[illegible]
[illegible], B., 158, Skene St West Plumber
[illegible], 12, School [illegible] Masons
[illegible]
[illegible] Jacks Brae Plasterer
[illegible] Rose St. Masons
Scott & Sellar, 7 & 9, Charlotte St. Plasterers
Shirras, Laing, & Co., 121, Union St. Heating Engineers
Simpson & Walker, 10, Union Wynd Carpenters
Simpson, James, 200, Holburn St Plumber
Simpson, J., Clayhills (Plasterer
Simpson, Walter, 29 & 31, Thistle St Plumber
Slaker, W., & Sons, 6, Bath St. Painters, &c.
Smith, L., 77 & 79, Skene Sq. Mason
Smith, R., Canal Rd. Mason
Stephen & Gibb, Hutcheon St. West [illegible]
Stephen, J., & Son, [illegible], Summer St. Plasterers
Stewart, P., 2 & 4, Blackfriar St. Plumber)
Strachan, A. Woodside Plasterer
Stuart & Murray, 9, Hartingdon St. Carpenter
Thom & Strachan, 62, Windmill Brae Plumbers

Scotland—*continued.*

Thomson, R., Ferry Hill Ter Carpenter
Tindal, Robt., 79 & 81, Loch St. Heating Engineer
Watt & Clark, 23, Princess St. (Carpenters
Watson & Robb, 44, Spring Gardens Carpenters
Watt, M., 3, Marischal St. Painter
Whyte, J., 465, Union St. (Painter, &c.)
Willox, J., Gilcomston Pk. Mason,
Wilson, J., 84, Gerrard St. Slater)
Winchester, A., Torry (Carpenter
Worling, James, 8½, Schoolhill [illegible]
Worling John, 192, Gallowgate (Plumber
Young, A., 31 St Andrew Street, Painter

ABERFELDY

Menzies, J., Bridge St. Plumber

ABERLADY

Wilson, J

ABINGTON

Kerr Geo.
Lithgow, Jas. Slaterer & Plasterer
Tonner, Jas Mason

AIRDRIE

Anderson & Alexander, Queen Victoria St.
Armour, Thos., Graham St. Painter
Bell, A. W., Mavisbank Plasterer
Black, Alex., Stirling St. Painter
Black, Andrew, South Nimms Lane Plasterer
Brown, J., 8, Broomknoll St. Painter
Callander, John, Hallcraig St. Plumber
Connor, J., South Bridge St. Painter
Eadie, R., Graham St. Carpenter and Joiner)
Frew, P., & Son, Chapelhall-by-Airdrie Masons
Herd & Allen, South Bridge St. Joiners
Henderson, W A., Victoria Pl Slater
Louden, T., & Sons, Victoria Saw Mills, 100 High St Joiners
McCraken, R., Aitchison St.
Martin, R., Forsyth St. Plasterer
Paterson, R., & Sons, 35, Chapel St
Rankine, D. Stirling St. Plumber, Gasfitter &c
Riddagh, Robt., Queen Victoria St
Riddell, Robert Stirling St. Painter
Shanks & Motherwell, Anderson St Joiners
Shanks, W., & Sons, Airdrie Saw Mills Joiners)
Spence, J., & Sons, 11, Stirling St. Plumbers, Gasfitters, &c
Taylor & Angus, Hallcraig St Joiners
Thom, M., & Co., Broom Knoll St. Slaters and Plasterers
Watson, J. & J., Victoria Pl. East

ALEXANDRIA

Baird, McIntyre & Co., Bridge St. Plumbers and Gasfitters
Barlas, J., Bridge St. (Mason)
Bisland, Robt Middleton St Mason
Gaines, J., John St. Joiner,
Graham & McLaren, Bank St. Joiners
Howie & Gray, John St Slaters,
Jack, J., John St Slater
O'Connor, Jas., Overton St. Slaters,
Paton & Ferguson, Overton St. Masons and Sculptors
Shearer, Jas., Bridge St Joiner
Taylor, Wm., Gray St Joiner

ALLANTON BY-CHIRNSIDE

Gibson & Dickson
Patterson, J

ALLOA.

Abercrombie, R. G., Broad St Engine Works Engineers
Alloa Iron Co., Sun Foundry Ironfounders
Archibald, J., Shillinghill
Bowie, M., 30, Primrose St. (Joiner)
Bremner, Thos., Castle St. Slater and Plasterer
Cairns, R., Sunnyside Joiner
Cousin, G. & R., Glebe Ter Masons)
Davie, J., King St. Slater and Plasterer
Ferguson, Alex., Vennel West
Gloag, J., & W., Park Pl Masons
Grant, J., Greenfield P., Slater and Plasterer
Hall, J., Drysdale St. Joiner)
Hutchison, W., Primrose St. Plumber,
Johnman, George, Primrose St. (Painter)
Johnston, Jas., High St. Joiner,
Lowe, J., & D., Greenfield Pl. Slaters and Plasterers
McEwan, R. N., Bank St. Painter
McFarlane, R., Mar Pl. Slater and Plasterer
McMillan, W., & Son, 34, Mar St Joiners
Melvin, R., Sunnyside Iron Foundry Ironfounder
Mitchell, A., & Son, 14, Candleriggs Joiners
Pearson & Rammage, Alloa Foundry Ironfounders
[illegible] Shillinghill Plumber, &c.
[illegible] East Vennel Smith
Robertson, [illegible] High St Painter
Smith, Alex., Erskine Pl. Joiner
Smith, Andw., 11, Mill St Plumber,
Thomson, J., Church St. Mason

ALVA.

Bean, James, A., Stirling St. Plumber
Dawson, David, Stirling St. Plumber
Ford, J. Joiner
Kay, D., Junr., Joiner)
Plenderleith, Geo Joiner
Stewart & Robertson Masons
Walker, John, Queen St. Slater and Plasterer

ALYTH

Ferrier, A., Airlie St. Painter
Howie, J., Jun., Airlie St Mason
Lunan, J., & Son, Airlie St. Masons
Mitchell, A., St. Andrew St. (Plasterer
Sidey, W., David St (Plasterer
Smart, J., Old Bridgend (Joiner

ANNAN

Hamilton, Alex., Park Ter Joiner
Ker, H., & Son, Butts St
Laidlaw, G., 29, Charles St. (Plasterer

J. M'CULLOCH,

SUCCESSOR TO J. CLEMINSON,

PLAIN & DECORATIVE PAINTER, GILDER, AND FRAME MAKER

86, HIGH STREET, ANNAN.

ESTABLISHED 1814.

McIldowie, I. & G
Miller, I., & Son Plumbers
Tweedie, A., Lady St. and Joiner

ANSTRUTHER

Dalzell, T. A., High St. Plumber)

ARBROATH.

Brand, W., Dishland St Slater)
Calder Bros., Lochlands St.
Christie & Anderson, East May St. Masons
Cook, D., & Son, 219, High Street Plumbers
Dargie, A. C., 4, Dishland St. Painter
Dyer, R., Brothock Bridge Plumber
Farquhar, D., 4 & 6, Hill Pl Joiner
Fife, A., Lindsay St.
McLaren & Nairn, Culloden Rd.
Middleton & Donald, Lindsay St. Plasterers
Mitchell, J., & Sons, Panmure St. Slaters
Napier, D. & I., Millgate Plumbers
Ramsay & Gordon, Fergus Sq
Ramsay, D., & Son, Millgate Lane Masons
Rayne, J., West Abbey St. Plumber
Robertson, J., 24, Millgate Joiner
Scott, A., Keptie St. Joiner

[illegible]SSAN

Boyd, J., Glasgow St.
H[illegible], & Co., Princes St. Slaters & [illegible]
McLean, J

AVONBRIDGE.

Forrester, A. M.

AUCHTERARDER

Anderson, P., Herriter St.
Hopson, [illegible]
Jameson, D., High St. Plumber
Mailer, J., & Son Slaters
Martin, J. Joiner)
Mailer, J. Joiner

AULDGIRTH

McNaught, Thos., Burnhead
Waugh, R., McCubbington Mason)

AYR

Auld, W., & Son, 66 & 70, Sandgate St Plumbers and Slaters
Baird, J., 7, Dalblair Rd
Bone, D., & Son, 42, Elba St. Plasterers
Campbell, David, Castlehill Road Mason
Campbell, John, High St. (Plumber
Clark, D., 74, High St Joiner
Clarke W., 43, Sandgate St Joiner
Davidson, J., 41, New Rd. Joiner)
Drinnan & Murphy, 78, George St. (Slaters and Plumbers
Ferguson, Wm., 58a, Sandgate St. Joiner
Fergusson, W. & G., 2, River Ter. Wallace Town Joiners
Fogo, J. & Wm., Falkland Park, and Joiners
Forrest, J., 41, George St. (Joiner
Highet, J. C., 10, Alloway St. (Plumber & Slater
Highet, W., & Son, Fort St. (Plumbers and Slaters
Hunter, A., 18, Dalblair Rd
H[illegible]
[illegible] & W., 6, James St.
[illegible] Sandgate St Joiner,
[illegible] Union Bldgs, and Joiner
Leggat, J., & Sons, 13 and 15, Nelson St Plasterers
Lyon, A., 43, Sandgate Plumber
McCreath, J., Fullarton St. (Joiner,
M[illegible], W., 4, North Park Ter., [illegible]
McIlwraith, Cowan, & Co., 108, High St Plumbers and Slaters,
McLachlan, A., & Son, 64, Dalblair Rd and Joiners
Meikle, J., River St., Wallace Town Plumber & Slater
Miller, W., Kyle St [illegible]
Milligan, D. & J., 46, Kyle St
Milligan, D., Smith St. and Joiner)
Mitchell, J., Wallace St. Joiner)
Murchie, J., 19, George St. Plumber
Osborne, Jam[illegible]
Pat[illegible] W. [illegible]
[illegible] Sandgate St Joiner
Smith, A[illegible] Alloway St
Stevenson, Robt., Viewfield Rd

ESTABLISHED 1846.

J. & D. MEIKLE,

BUILDERS AND CONTRACTORS,

Newton Steam Joinery Works,

AYR, N B.

Contracts Executed for—

Castles, Mansions, Churches, Schools, Public Works, University Buildings, Fortifications, Barracks, Prisons, &c., &c., throughout the following Counties in Scotland, viz., Dumfries, Forfar, Edinburgh, Kirkcudbright, Perth, Stirling, &c.

Government Contracts for over 20 years.

Thompson, A., Midton Rd Mason
Vass, W. A., Fort St
Watson, Wm., 18, Mill St
Wyllie, A., & Son, Charlotte St

AYTON

Henderson, J
Patterson, W

BALERNO, Midlothian.

Fairbairn, D. B

[illegible]

McInnes, J

BALLOCH

Nairn, J. Joiner

BANFF

Christie, J., Clunie St Carpenter
[illegible]aldson, J., St. Catherine St. West Mason
Gibson, J., Old Market Pl Plasterer
Hutcheon, J., Bridge St Slater and Plasterer
Lawrence, W., Alexandra Cottage, Boynside St West Mason
Leveny, Alex., Boyndie St. Carpenter
McDonald, Jas., Boyndie St. Carpenter
McDonald, Jas., Stuart St. Mason
Mitchell, J., Boyndie St Carpenter,
Murdoch, Alexr Fife St. Carpenter
Strachan, A., Bridge St Plumber
Thompson, I., & Co., North Castle St Plumber

BARRHEAD

Livingstone, R., Cross Arthurlie Plumber,

[illegible]

Hamilton, John
Roberts, W

BEITH

Fulton, J., New St
Snodgrass, R., & Son, Eglinton St.

BIGGAR

Aitken, M., & Son Slaters
Bonner, Alexr Plasterer
Black, Jas. R. Joiner
Brown, Thos [illegible]
Harlan, Thos. Painter
Hope, Andrew
Kerr, Geo
Masterton, J
[illegible]llans, Wm Joiner)
Proctor & Weir Plumbers
Ross Hugh Joiner
Stephen, Jas Plumber)
Stringer, Geo Painter
Whitfield, Isaac Plasterer

Scotland—*continued*.

BLACKFORD.

M'Cleary, W. G. (Plumber)
Taylor & McGregor (Joiners)

BLAIRGOWRIE.

B[illegible] D., [illegible] (Mason)
[illegible]
Doig, T., Rattray (Joiner)
Duncan, A., Rattray (Slater)
Duncan, T., Balmoral Rd., Rattray (Mason)
Fraser, J. S., & Son, Rattray (Ironfounders)
Grant, D. S., Dunmay, Glenshee-by-Blairgowrie
H[illegible], [illegible] St. (Mason)
K[illegible], 1, High St. (Plumber)
L[illegible], & Son, 47, Reform St. (Slaters)
McRitchie, D., Mitchell's St. (Joiner)
[illegible], High St. (Joiner)
S[illegible] & Son, 2, Newton Pl. (Joiner)

BLANTYRE.

Adams, Wm., Low Blantyre (Joiner)
Aitkenhead, J., & Son, High Blantyre (Masons)
Aitkenhead, R., & Son, High Blantyre (Joiners)
Roberts, T. & W., Low Blantyre (Joiners)
Warnock & Walker, High Blantyre (Joiners)

BONAR BRIDGE.

Macgregor, D., High St. (Mason)

BO'NESS.

Ballantine & Duguid (Joiners)
Bennie & Steven (Plasterers)
[illegible]
[illegible]
[illegible]
[illegible], Robt. (Plasterer)
[illegible]
Peattie, Thomas
Ready, David (Joiner)
Simpson, Robt. (Joiner)
Stirling, Robt. (Joiner)
Wylie, John (Plumber)

BONHILL.

Menzies, W., 131, Main St. (Painter)

BONNYBRIDGE.

Menzies, J. (Joiner)

BONNYRIGG.

Ketchen, R.
Steven & Stoddart

BOTHWELL.

Miller & Renwick (Masons)

BRECHIN.

Baxter, J., Park Rd.
Bisset & Douglas, 50, City Rd. (Blacksmiths)
Black, W., & Son, 20, Clerk St. (Joiners)
Bruce, W., Market St. (Painter)
Bruce, W., Southkirk St. (Joiner)
C[illegible], T., Union St. (Joiner)
C[illegible], D. A., East Bank Cottage
Crocket, A., Andover Cottage, Montrose St.
Cut[illegible], 40, Union Street (Plumber)
D[illegible] A., River St. (Blacksmith)
D[illegible], T., Southkirk St. (Slater)
Dures, J., Junr., Damacre Rd. (Joiner)
Farquharson, G., 5 Chanoury Wynd (Plasterer)
Fraser, Wm., 29, City Rd. (Slater)
Gibson, J., Clerk St. (Plasterer)
Hutcheon, D., Swan St. [illegible]
Kinnear, J., & Son, Market St. (Plumbers)
Middleton, C., & Son, 32, Market St. (Plumbers)
Ogilvie, G., Montrose St. (Joiner)
Oswald, John, Junr., Damacre Rd. (Blacksmiths)
Scott, J., Clerk St. (Slater)
Sherrett, D., 8, Clerk St. (Blacksmith)
Thomson, J., & C., River Street (Plasterers)

BRIDGE OF ALLAN.

Crumb, J., Coneyhill (Joiner)
Drysdale, A. (Joiner)
Gray, J., & Sons (Slaters and Plasterers)
Henderson, Jas., Union St. (Joiner)
McArthur & Campbell, Coneyhill
McEwen, D., Keir St. (Joiner)
Mackay, R., Henderson Street (Plumber)
McGregor & Cudlen, Union Place (Joiners)
Morrison, A. (Plumber)
Nairn, H., Westerton Drive (Slater and Plasterer)
P[illegible], H. (Plumber)
[illegible], T. & R., Henderson Street (Painters)
Watson, A., Westerton Drive (Slater and Plasterer)

BRORA.

Grant, G. (Slater)
Murray, G. (Joiner)
Murray, H. & A. (Masons)
Sutherland, A. (Joiner)
Sutherland, W. (Slater)

BROUGHTY FERRY.

Brown, J., 60, Brook St. (Plumber)
Bruce, Jas. (Plasterer)
Coullie, D. & J., 112, Brook St. [illegible]
T[illegible], I. S. (Mason)
Easton, T., & Co. (Slaters)
Lorimer, P., 178 Brook St. (Plumber)
[illegible], W., & Sons, Brook Street [illegible]
Paton & Fairweather (Joiners)
Scott, J., Brook St. (Mason)
Steven, James (Joiner)
Taylor, William, Lawrence Street (Mason)

BROXBURN, West Lothian.

Pat[illegible]son, George

[illegible]

Nichol, Wm. (Plumber)

[illegible]

Waddel, [illegible]

BUSBY, Glasgow.

McKerracher, Wm., Drummond Pl., Sheddens (Mason)

CAIRNEYHILL.

Robertson, C. (Joiner)

CALLANDER.

Henderson, J., Main St. (Plumber)
McAlpine, W. (Slater)
Macniven, D., & Sons (Joiners)
Russell, P. (Plumber)

CAMELFTON.

Weir, R., & Sons, Longrow

CAMBUSLANG.

Britton, W., Main St. (Plumber, &c.)
Brownlee, S., Main St. (Joiner)
Chalmers, G., Main St. (Plumber, &c.)
Clark, R., Morrison St. (Slater)
Frame, D., Hamilton Drive
Gillies, R., & Son, Hamilton Drive (Joiners)
Hamilton & Beveridge, Kirk Hill
Kemp, A., Main St. (Painter &c.)
[illegible], Main St. [illegible]
[illegible]
[illegible], Main St. [illegible]
Sproul, R., Benah Cottage (Bricklayer)
Stewart, D., West Coats
Struthers, [illegible], Hole Park (Joiner)
Taylor, A., Rosebank St. (Plumber)
Tram, J. & J., Chapel Buildings (Masons)
Watson & Aird, Toll Park (Joiners, &c.)
Williamson, G., Bothwell Park Villa
Williamson, T., Caledonian Terrace (Joiner)

CAMELON-BY-FALKIRK.

Abercrombie, J. (Mason)
Campbell, J. (Joiner)
Knox, W. (Joiner)
Reid, A. & R. (Masons)
Scott, J. & W. (Masons)

CARNOCK.

Thompson, W. (Joiner)

CARNOUSTIE.

Anderson, J., Fox St. (Plumber)
Black, Alex., & Son (Masons)
Edward & Ramsay (Joiners)
Robertson & Black, Dundee Street (Masons)
Watt & Son, East Path (Joiners)

CASTLE DOUGLAS.

Bailie, R. T., St. Andrew Street (Plumber)
Brodie, M. McC., St. Andrew St. (Painter)
Charteris, W. B., King St. (Painter)
Drummond, P., & Son, King Street [illegible]
Grierson, R., & Sons
[illegible], W. (Painter)
H[illegible] (Slater)
[illegible], Queen St. (Joiner)
[illegible], Station Rd. (Mason)
[illegible] St. (Plumber)
Macaulay, Wm., Queen St. (Painter)
McClughan, Jas., Cotton St. (Joiner)
McNaught, D., & Son, Dumfries Rd (Plasterers)
McNaught, J., Cotton St. (Joiner)
McVane, R., King St. (Joiner)

CASTLETOWN, [illegible]

R[illegible], D. (Joiner)

[illegible]

[illegible]

[illegible]

Jeffrey, W. & J. (Joiners)

CLATT, Kennethmont.

Anderson, D. (Carpenter)

[illegible]

Baird, J., Water St. (Joiner)
Baird, R., Main St. (Plumber)
Biggar, [illegible] & Carmichael, 175, Main St. (Painters)
Brown & Gilchrist, Dunbeth Rd [illegible]
Brownlie, D., Rochsolloch Brick Works
Bruce, J. S., 47, Burnbank Rd. [illegible]
Fraser, A., Bank St. (Joiner)
[illegible], W., Academy St. (Painter)
Gibson, Wm., Academy St. (Painter)
Gilchrist, J., [illegible]tland St. (Bricklayer)
Gilchrist, T., & Sons, Colt Terrace (Masons)
Kirk, D. & S., Bank St. (Plumber)
Loudon & Inglis, Laird St. (Masons)
Love, J., Main St. (Plumber)
Mason, A., Colt St. (Brickbuilder)
M[illegible], W. C., Baird St. (Slater and Plasterer)
Mills, J. & R., Kirkwood St., Langloan (Joiners)
Murray & Taylor, 87, Bank Street (Plumbers)
Murray, W. & P., 42, Bank Street (Joiners)
Purdie, W., Greenhill Terrace (Mason)
Robertson, J., Manse St. (Joiner)
Ross & Co., Bank St. (Plumbers)
Riddell, R., Main St. (Painter)
Spence, J., [illegible] St. (Plumbers)
Stewart, W. A., Dunbeth Rd. (Slater and Plasterer)
Symington, D. K. & H., Bank St. (Masons)
Symington, H., & Sons, Buchanan St. (Masons)
Taylor & Gardner, Bank St. (Painters)
Thom, M., & Co., Bank St. (Slaters & Plasterers)
Thomson Bros., Buchanan St.
Twaddell, J., 144, Main St. (Joiner)
Waddell, J., Sunnyside St. (Joiner)
Wallace & Millar, Coats St. (Masons)

COLINSBURGH.

Aitken, T. (Plumber)
Ramsay, John
Young, John (Joiner)

CORSTORPHINE.

Cooper, R. C., St. John's Rd. (Plumber)
[illegible]ck, Robert, Hope St. (Slater & Plasterer)
[illegible]ddle, Wm., Clermiston Rd. (Joiner)
Patterson, J., Manse Rd. (Mason)
Samuel, Wm., Manse Rd. (Mason)
Smith, C. S., St. John's Rd. (Joiner)
Weston, J., Kirk Loan (Joiner)
Wight, John, Manse Rd. (Joiner)

COUPAR ANGUS.

Adam, T., Lav[illegible] St. [illegible]
Bruce, J., Causeway End (Mason)
[illegible]
[illegible] (Mason)
Whitton, G. (Plaster)

CORSOCK, by Dalbeattie.

Baird, J. (Joiner)

CRAIGENDEATH

Barclay, Chas. (Joiner)
Miller, J., & Sons, Park Pl. (Masons, &c.)
Laing, T. (Joiner)
Paul, J., & Son (Slaters & Plasterers)
Stein, Robt. (Joiner)
Wilson, A. (Mason & Bricklayer)

CRIEFF.

Anderson, Chas., 2, Marshall Place [illegible]

CROSSMICHAEL, R.S.O.

McNaught, Jas., Causewayhead

CUMNOCK.

McLetchie, W.
Richmond, J., Square

CULLEN, R.S.O.

Beveridge, Wm. (Plumber)

CUPAR.

Black, A. (Mason)
Black, J. & J. (Joiners)
Finlay & Son
Gourlay, D. (Mason)
Macleish, J. (Plumber)
Ramsey, A. (Mason)
R[illegible], J., 11, Ladywynd (Painter)
S[illegible], Alex., 64, Bonnygate (Plumber)

DALBEATTIE.

Clark, R., John St.
Hamilton, M. (Plasterer)
Hyslop, J. & S., Spottis Mill
Lindsay, A. R. & J., Albert St.
Mundell, D., High St. (Painter)
Rain, R., Coupland St. (Joiner)
Sinclair, Wm. (Joiner)
Tait, J. & R., Flatts (Mason)
Wallach, R., High St. (Plumber)
Wilson, R., Port St. (Joiner)

DALKEITH.

Muirhead, J.

DALMELLINGTON, R.S.O.

Binnie, W. (Slater)

Scotland—*continued.*

DALRY.

Tait, D. & J., Templand Rd. (Plasterers)

DARVEL, R.S.O.

Mair, Robt., Main St. (Joiner)
Rankin, John, Ronaldcoup Rd. (Joiner

[illegible]

Frew, W. (Joiner)
Lowrie, B. & J. (Slaters)
Meams, D., & Son (Joiners)
Paul, J., & Sons

DINGWALL.

Brander, Jas., High St. (Plumber)
Cameron, H., West End (Slater)
Gr[illegible] & Ma[illegible], [illegible] Street [illegible]
Logan & Son, High St. (Plumbers)
Macdonald, Hugh, High St. (Painter)
Macdonald, McLeay, & Mackay, [illegible]
Macdonald, W., Tulloch St. (Carpenter)
Mackay, G., Hill St. (Plasterer)
Mackenzie, Jas., High St. (Painter)
Mackenzie, R., & Son, MacGregor's Court (Plumbers, &c.
Maclean, D., Burnside (Slater)
Maclean, R., Craig Rd. (Mason)
Maclean, Wm., Craig Rd. (Mason)
Maclennan, W., Tulloch St. (Carpenter
Macrae, Donald, Maryburgh, (Mason [illegible]
Martin & Fraser, Hill St. (Carpenters)
McIntosh, M., Fairburn, by Muir-[illegible]
Munro, A. D., Grant St. (Plasterer
Munro, D., Tulloch St. (Carpenter
Munro, G., & Coy, Church St. (Plasterers
Murchison, J., Church St. (Mason)
Ross, H. A., & Son, High St. (Painters)
Ross & Co., High St. (Plumbers)
Tolmie & Mackenzie, High St. [illegible]
Tolmie, J. & W., Cononbridge

DOLLAR.

Donaldson, [illegible] (Painter)
Ha[illegible] (Plasterer
Jack, M.
Robertson, J. (Joiner)
Roxburgh, Chas. (Plumber)
Snowdon, W. (Joiner)

DORNOCH.

Mackay & Munro (Joiners)
Macrae, R. (Plumber
Munro & Murray (Masons)
Murray, Peter (Joiner)

DUFFTOWN, R.S.O.

McKay, D., Fife St.

DUMBARTON.

Barlas, W., Jun.
McAuslan, J., & Sons
Macleod, W., & Son, Saw Mills
Muir, A., 7, Castle St.
Munro, J., 10, Burnside Pl.

DUMFRIES.

Armstrong, J., Dockhead (Joiner)
Bell, W., Academy St. (Plasterer)
Bridge, J., & Son, 1, Queen's Pl. (Slaters
Bridges, S., Brooms Rd. (Slater)
Currie, T., 55, North Queensbury St. [illegible]
Dickson, W., 124, St. Michael St. (Plasterer
Drummond, P., & Son, 22, High St. (Plumbers
Ferguson, J. H., Friars Vennel [illegible]
Glover, J. J., 17, Castle St. (Painter and Glazier)
Glover, R. M., 31, Buccleuch St. (Plumber)
Haining, W., 67, Friars Vennel [illegible]
H[illegible] T[illegible] & Son, [illegible], Queen's St. (Mason)
Houston & Robson, 104, Irish St. [illegible]
Jardine, W., Three Crowns Close (Joiner
Kirkpatrick, Jos., 10, Shakespeare St. (Joiner
Little, J., South Queensberry St. [illegible]
Lockerbie, J. B., Brooms Rd. (Mason)
McGill, R., 38, High St. (Painter)
M[illegible] Street (Painter)
McLachlan, S., 19, Friars Vennel (Joiner)
McLellan, J., 60, North Queensberry St. (Slater)
McMillan, David, Jubilee Bldgs., English St. (Painter
McMillan, D., Assembly St. (Plumber and Electrician
McMurdo, Peter, 26, High St. (Joiner)
McQueen, James, Charlotte St. (Joiner)
McTeer, S., 112, St. Michael St.
M[illegible] High St. (Joiner
Milroy, J., 57, English St. (Plumber)
Moffat, R., Charlotte St. (Plasterer)
Moffat, R. J., 35, English Street
Muir, J., Brooms Rd. (Painter)
Murray, S., Glebe Rd. (Joiner)
N[illegible] S., North Queensberry St. [illegible]
Orr, J., 30, North Queensberry St. [illegible]
Patterson, A., St. Andrew's St. (Painter, etc.)
Pool, D., 25, English St. (Painter)
[illegible] T., 24, Church Crescent and St. Andrew's St. (Plumber
Smart, J. T. W., Catherine St. (Joiner)
Thompson, D., & C. W., Rae St. (Joiners
Thomson, R., 19, Shakespeare St. (Joiner)
Tinn[illegible] R., 72, St. Michael St. (Joiner)
Walker, A., Argyle Pl. [illegible]
Wells, W., Victoria Cottage (Mason
Wilson, John, 52, English Street (Painter
Young, J., 5, Catherine St. (Joiner)

DUNASKIN, R.S.O.

McConachie, J. (Mason)

DUNBAR.

Aitken, A. (Plasterer)
Cunningham, P. & S.
Cunningham, W., High St. (Joiner)
Melville, A., & Son, High Street (Plumbers)
Ritchie, R., 151, High St. and (Joiner)

DUNBLANE.

Baine & Macfarlane (Masons
Gray, J., & Son (Slaters, etc.)
Guthrie, J. & W. (Joiners)
McLaren, J. (Plumber)

DUNDEE.

Adam, J., & Son., 15, Park Lane (Plasterers
Adams, Thos., 205, Overgate (Plumber)
Aitken, John, 17, Union St. (Plumber)
Alexander, Geo., 98, Dura Street (Plumber)
Alexander, Jas., & Sons, 11, Bank-st. (Plumbers)
Alexander, James, 25, Brown St. (Slater
Anderson, [illegible] W[illegible] St. (Mason
Anderson, W., [illegible] Memorial Bldgs., 9, Dock St.
Arkinson, W., 103, Hawkhill (Painter)
Batchelor and Keay, Ogilvie Street (Ironfounders)
Beath & Keay, Albion Foundry, (Iron Founders)
Beats, Alexander, & Son, 52, North Lindsay St. (Slaters)
Bell, Robert, 32, Benvie Rd. (Joiner)
Bennett, Wm., 41, Reform St. (Mason)
Bowman, R., 189, Princes Street (Painter
Brace & Steele, 47, Elizabeth St. (and Joiners)
Bremner, D., 17, Union Place, Perth Rd.
Brown & Clarke, North Lindsay St.
Brown & Gow, 72, Seagate (Painters
Brown, D., 55, South Tay Street (Plumber)
Brown, T., & Son, 47, Perth Road (Painters
Brown, W., 141, Nethergate (Painter
Brownlie, W., & R., 52, Simons Wynd (and Joiners
Bruce, A., 37, Commercial St., Maxwelltown (Joiner)
Bruce, J., Burnside St., Lochee (Mason
Butchart, T., [illegible]
[illegible] South Rd., Lochee (Joiner)
Carnegie & Co., 24, Commercial St. [illegible]
Christie, Thos., 10, Dallfield Walk (Plasterer
Clark, D. W., Son & Co., 79, Rosebank St. (Joiners
Craig, A. & T., West Clepington (Masons)
Craig, T. C., Clepington [illegible]
Crighton, David, [illegible]
Crighton, J., & Sons, 105, Cowgate [illegible]
Davie, P. & A., 44, Victoria Rd. (Painters
Doig, T., 30, Wellgate (Joiner)
Doig, Thos., & Son, 167, Victoria Rd.
Donald, Wm., 6 & 8, Gardner's Lane [illegible]
Drummond, Hy., 29, Barrack St. (Painter
Duke, Wm. S., Bonnybank Rd.
Duncan, A., 9, West Bell St. (Mason)
Duncan, David, 33, Rosebank St. (Slater)
Fairweather, Joseph, South Union St. (Marble Mason
Farquharson, J., & Sons, 38 and 40, Barrack St., and 151, Perth Rd. (Plumbers)
Farquharson, R., & Son, 114, Murray-[illegible]
Fleming & Sharp, Victoria Rd. (Masons
Foggie, W., Whitton St., King's Rd. (and Joiner)
Fraser, Duncan, 96, Blackscroft [illegible]
[illegible] & Son, [illegible]
[illegible] & [illegible] St. [illegible]
[illegible] & [illegible]
[illegible] & [illegible] Rd. (Slaters)
Gerrity, Peter, 10, Forest Park Rd.
Hay, J. & C., 14, Long Wynd (Masons)
Hay, T., Stonewells, near
Hodge, D., 186, High St., Lochee (Joiner)
How, D. P., & Son, 11, Caldrum St. (Joiners)
Hutchison, D., 50, North Lindsay St. (Slater)
Hynd, D., 10, Forebank Rd. (Plumber)
Jameson, B. F., 154, Nethergate (Painter)
Jas[illegible] W[illegible] (Cabinet maker
Keill, J., 248, Perth Rd. (Painter
Kidd, P., & Son, 22 and 24, Mid St. (Joiners
Laburn, James, 32, Mid St. (Plasterer
La[illegible], John, 26, Dallfield Lane, (Slater
Laburn, J., & Son, 2, Dallfield Ter. (Slaters)
Laing, R., 45, Commercial St. (Mason)
Law, D. & A., 46, Foundry Lane (Slaters)
Law, William, 30, Blackness Road (Slater
Lawless, M., 22, Hean's Lane (Plasterer)
Leo, Croll, & Co., Lawside Foundry [illegible]
Lickley, R. & A., 220, Perth Road (Joiners)
Linder, Luke, 123, Blackness Rd. (Bricklayer
Lindsay & Scott, 42 and 44, Barrack St. [illegible]
Lindsay, J., Soapwork Lane (Slater)
Low, G. & A., 31, Overgate (Joiners)
Macaulay, T., 37, North Tay St. (Joiner)
McBain & Lyon, 20, Raglan St. (Plasterers)
Macfarlane, T., 3 and 5, East Dock St. (Marble Mason
McFarlane, Mahan & Co., Dock St. [illegible]
Mackay, J., & Son, 42, Castle St. [illegible]
McKe[illegible], 15, Rosebank [illegible]
McLaren, J., 8, West Dock St. (Marble Mason
Macmillan & Carvstal, 16, William St. (King St. Joiners)
M[illegible] McRostie, 49, Forebank [illegible]
M[illegible] A., 29, Temple Lane (Plasterer
McTavish, John, 5, Seafield Lane (Joiner
M[illegible] & Gibson, 22, Bell St. (Plasterers
Martin, D., & Son, 3, Victoria Rd. (Slaters
M[illegible]
Mitchell, W., & Son, 69, Cowgate (Plumbers)
Morrison, J., 15½, High St. [illegible] (Joiner)
Norton, J. A., 16, Annfield St. (Bricklayer)
Nicoll, A., 20, Cleghorn St. (Mason)
N[illegible] W., [illegible] St. [illegible]
N[illegible] & Son [illegible] St. [illegible]
[illegible] Rd. [illegible]
[illegible]
[illegible]
O[illegible], Ward [illegible]
Parker, C., & Son, & Co., Victoria [illegible]
Peacock, Andrew L., 44, Long Wynd [illegible]
P[illegible] W., 163, Seagate (Joiner)
P[illegible] & [illegible], 18, Whitehall Street [illegible]
P[illegible] J., 9, Ogilvie's Rd. (Joiner)

RAMSAY & REID,

Slaters and

Slating Contractors,

DUNDEE

Scotland *continued.*

Porter, J., 41, Constitution Rd Painter
Potts & Band, 6, Jamaica St. Plasterers
Powrie, L & A., South Ward Rd Masons
[illegible] & Son, Hawkhill Mason
[illegible] W., Foundry Lane Joiner
[illegible] 3, Strathmartine Road Plumber
Ramsay, A. & Son, 20, Watt Street Joiners
[illegible] & 25, Trades Lane [illegible]
Leach & King [illegible] 4 Brown St Plasterers
Robertson, [illegible] Princes Street Plumber
Scott, J 130, Lochee Rd Joiner
Shaw, L. F. & Son 5 Lowdens Alley Joiners
Sheach R., Junr., North Lindsay St. Mason
Shepherd, [illegible] 9 Paterson St. Joiner
Sheed & McLean, Kirkland Place, Barrack St
Small, David 45 Gellatly Street [illegible]
[illegible]ith, A., 120 Blackness Rd Mason)
Smith J., 2, Rosebank St Mason
Smith, Jas., 145 Victoria Rd Painter
Stalker & Boy[illegible] 7, Nethergate Painters and [illegible]
Stephenson, W., [illegible] Guthrie Street Mason
Stewart A & Co., 9, Sea Wynd [illegible]
Stewart J., 18, Forfar Rd Joiner
Stocks, T [illegible], 26, Crescent Lane Joiner
Storrier, A., 241, Hilltown Slater
Thomson J., 6, Fords Lane Brick layer
Thomson, Jos., Seagate Painter
Wallace, Wm., [illegible] Strathmartine Rd
Webster, Wm Kirkland Place, Barrack St. Mason
Webster, Wm., 58, Ann St. Plumber
Whitton, A A., 71, Victoria Rd [illegible]
Whyte, [illegible] 1 Lochee [illegible]
Will, A., 11 Park [illegible] Mason
Young, Alex [illegible], Logie St., Lochee [illegible]

DUNFERMLINE.

Addison A North Chapel Street [illegible]
Addison, James, 55 Pittencrieff St [illegible]
Addison R & [illegible], Beveridge Wel. [illegible]
Alexander Hugh 15, Maygate St Painter
Anderson, R., 4 Kirkgate Street Glazier
Anderson Wm., [illegible] Junction Joiner
Bald & Templeman, Carney Hill Masons
B[illegible] & Co. Cross Wynd Slaters
Burrell Wm
Brough, R., [illegible] Grieve St Joiner
Bruce, J., 21, Queen Anne Street [illegible]
Crawford, Geo., 49, Priory Lane [illegible]
[illegible] John, 16, East Port St. Plasterer
[illegible] Junr., 134, Albany St.
[illegible] Midland St.
[illegible] Pittencrieff St
[illegible], D. S., Springfield, and Beveridge Joiner
Duncanson, [illegible], Holyrood Place
Fernie, A. S., Dewar St.
Graham, D., 22, Woodhead Street Joiner
Haney, John, Foundry St. Joiner
Henderson, John, 104, St. Leonard's Pl Blacksmith
Hetherington, R., Crossford Mason
Hoggan, Henry, East Port Street [illegible]
Hutchison, John, Cemetary Rd.
Hutchison, [illegible]mes, South Inglis St. Mason
Hutton Geo. 16, Queen Anne St Plumber
Inch, John [illegible] Golfdrum St Blacksmith
[illegible] J., & Son Maygate Plumbers
Ireland & Co., 14, Bridge St. Blacksmiths
[illegible]ir, Thos 22, Chalmers Street Painter
Kilgour David, 98, St. Leonard's Pl Joiner
Lambert, J & A Abbey Park Place [illegible]
[illegible]ert, Wm., 43, Bruce St Slater
Lamond Jas., 54, Heyrood Place [illegible]
[illegible] Bruce St Blacksmith
[illegible] Maygate Glazier
M[illegible] & [illegible], Crosswynd Plumbers
McDonald Peter Rose Crescent Bricklayer
Macgregor, R., Mill St Plasterer
McIntosh, A Crossford Joiner
Miller David, Reform St Plumber
Miller, Robt., Pittencrieff St
Miller, William, Pittencrieff Street Mason
Mitchell, A., 32, Maygate Joiner
Mitchell & Kinghorn, 7, Buchanan St Joiners
Moir Edward, 131 Albany Street [illegible]
Moodie David North Station Rd Joiner
Morgan, J [illegible] Carnegie St Joiner
M[illegible] & G[illegible] [illegible]
Philp, [illegible] & J [illegible]
[illegible]
Ramsay, Wm., Canmore St Joiner
Reattie Wm., 22, New Row Blacksmith
Reid Robert, Monastery St Blacksmith
[illegible]ertson, G., 8, North [illegible]
[illegible] and A., 104, High St. P[illegible]
Smith, R & W., 50, Queen Anne St Plumbers
Stalker, Chas., 1, Pittencrieff St Slater
Stark & Thomson, [illegible]
Steele, T., & Son, 30, Carnegie St [illegible]
[illegible] Foundry St
Stewart, W Crossgates S[illegible]
Street Richard & Sons Townhill Brickbuilders
Sutherland, T., 83, Woodmill St. Plasterer
Thomson, John Damside St
Ure, W., 41, Carnegie St. Plasterer
Wallis, Jas., [illegible], Bruce St Painter
Wardlaw Andrew, 136, High St Painter
Westwood Andrew, Bruce St Blacksmith
Westwood J 53½, Woodhead Street [illegible]
Wilson, David, 48, Queen Ann St Painter
Wilson, Robert, Pilmuir St Blacksmith
Wood, Robert, 58 Pilmuir Street Painter

DUNOON

Whitelaw, W. North Milton Rd

DUNS

Duns, G., West Cottage
Pringle, Geo., North St

DUNSCORE

Broatch, H., Kilnhouses Mason
Maxwell, D Dalgonar Saw Mill

DUNTOCHER, [illegible]

Winton, D Mason

DURNESS

Mackay & M[illegible] [illegible]
Whyte Geo Mason

DYSART

Aason, W Joiner
[illegible]
Ma[illegible] & S[illegible]
Holl & Mechie [illegible]
Robb, James Plumber

EARLSTON

Murdison, T B Slater & Plumber
Rodgers, W & Sons

EAST LINTON

Cameron, J., & J Slaters
Fraser J Joiner
Kitchen, J (Slater & Plasterer
Lawrie, W Plumber
Ma[illegible] & La[illegible]
Melville & Son Plumbers
Pettigrew James

EDINBURGH

Adams J 30, Nicolson St. Plumber
Adamson, D., 42 Morningside Rd M[illegible]
Aitken, A 65, St. Leonard's St Plasterer
Alexander, J 1, Fountainhall Rd Mason & Joiner
Alison J., 46 Upper Gray St. Joiner
Anderson, W., & Son, 13, Dalry Rd. Slaters
Angus, J 10, Cathcart Pl Mason
Annan, J., Distillery Lane, Dalry Rd Plasterer
Baird, W., 68, Leith St Plasterer
[illegible] Jas & Son, 3 George [illegible]
Barton, W., & Sons, 11, F[illegible] Plumbers
Beattie, W., & Sons, [illegible] Masons and [illegible]
[illegible]
[illegible] Fountain Bridge [illegible]
[illegible] 47, Comiston Road [illegible]
[illegible] Thos., [illegible] Painter
Brodie W., 60, South Clerk St. Plumber
Brown C & J Bernard Ter., & 31, South Clerk St [illegible]
Bruce, R., & Son, [illegible] Greenside P. Furnace Builders
Burn & Baillie, 63, Hanover S[illegible] Plumbers
Burn Bros 71, Hanover St Plumbers
Campbell, W., & Son, 55, Torphichen St Plasterers
Catto, Thos 43 Barony St. Slater
Cavanagh, P F., Dean Park Meuse Plasterer
Clunas W & Co., 18, Albert Pl Slaters
Colville, A., 20, Mayfield Rd Mason and Joiner
Combe, W Hazelbank Terrace [illegible]
[illegible] & Sons Roseburn Heating & Ventilating Engine
Cormack, Alex., 70, Causewayside [illegible]
[illegible] & Son, Merchiston Meuse M[illegible]
[illegible], Canning St [illegible]
Crerar & Swanson, 49, Bruntsfield Pl Masons
Cumming, Thos., & Son, 2, Cockburn St. Shop Fitters
Currie, A., 40, Causewayside and Carpenter
Dawson J., 113, St Stephen's St [illegible]
Deas, W., 25 Thistle St., Plumber
Dickson & Walker 31, Frederick St Glazier
Dobie, Geo., & Son, 23, George St Painters
Drysdale & Gilmour, Dalmeny St Masons & Joiners
Duncan, T., & Sons, 75, Grove St. Joiners
Edgar, David, 14, North St., Andrew St., & 11, Gayfield Sq, Joiners
Elliott, W., Inverleith Row, Joiner,
Fergus, J & J., 18, Milton St Plasterers
Finnie, Alex., 15, Jamaica St. [illegible] Plasterer
Fisher, David Gilmore Pk. Plasterer
Forbes J & J Bell's Mills Joiners,
Forrest, J & F., Duff St. Dalry Rd. Joiners
Forsyth, W., & Son, 43 Forrest Rd. [illegible]
[illegible] & 198, Morningside [illegible]
Gerard, W., 32, Angle Park Terrace Mason
[illegible] Junr., 32, Myrtle Ter [illegible]
Gibb, David Washington Lane, Dalry Rd Joiner
Gibson, Thos. & Son, Gibson Ter Ironfounders
[illegible] & Co., 80, Dundee St M[illegible] [illegible]
[illegible]
Graham & Keith, 16, George St Painters
[illegible] 15, North Castle St Slater
[Gr]ant, D., & Son, Bernard Ter
Grant, Donald, Elder St Shopfitter
Gray, W., & Sons, 52 Frederick St [illegible]
[illegible] W. & Son, 55, Grove St
[illegible] D., & Co., Spitalfield Cres., & [illegible], Bernard Ter Joiners & M[illegible]
Greig D. Junr., 6 & 8, Dumbiedykes Rd Joiner
[Gr]ieve, N., Washington Lane, Dalry Rd Joiner
Gunn & Co., 130, George St. Tile layers

THOMAS HALL
House and Church
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Royal Lyceum Theatre, Edinburgh
Theatre Royal, Edinburgh

Hamilton, P., Liberton Joiner
Harper & Son, Easter Rd Plasterers
Hastie, D., 8, Gardners Crescent
Heron, D., 84, Albert St. Mason
Hislop, R G., 7 & 9, Pitt St. Bell-[illegible]
[illegible]
[illegible]
[illegible] Plasterer
Kay, W., Loanhead Plumber
Kennedy, Jas., 96, Pitt St. Plasterer,
Kelly, Daniel 17, Henderson Row [illegible]
[illegible] 1.8, Rose St. [illegible]
[illegible]
[illegible] Sculptor
[illegible]
[illegible] Lonsdale St [illegible] & M[illegible]
[illegible] Anton [illegible] Mason
[illegible] Plumber

Scotland—*continued.*

Lamb, T., & Sons, Sciennes Place (Slaters)
Laurie, Chas., Brunswick Rd. (Joiner)
Law & Bramton, Silvermills Lane (Joiners)
Lennox, W., & Sons, 10, Riego St. (Plasterers)
Little, J., Morrison St. (Plumber)
Little, R., 12, Hamilton Pl. (Plumber)
Little, Wm., 77 & 79, Pitt St. (Smith)
Low & Son, 73, Clerk St. (Slaters)
Lownie, J., Gilmore Park (Joiner & Mason)
McAdam, J., East London Street (Mason)
McAndrew, C., 13, Lauriston gdns. (Joiner & Mason)
Macdonald, J., 3, Dundas St. (Plumber)
Macfarlane & Wallace, 9, Randolph Pl. (Painters)
McGlashen, S., & Son, Canonmills Bridge (Architectural Sculptors)
McGregor, D., 2, Warrender Park Crescent (Mason)
Mackenzie & Moncur, Upper Grove Pl. (Heating Engineers)
McKenzie Bros., Gilmore Park (Ironfounders)
McKenzie, Wm., Hope Park Terrace (Mason)
McLean, F., 38, Sciennes
McLennan, —., 2, West Cross Causeway
McLeod, N., 49, Dundee Ter. (Mason)
Martin, P., 81, Grove St. (Plasterer)
Martin, J., 53, Dundee Ter. (Bricklayer)
Meikle & Philip, Torpichen St. (Heating Engineers)
Meikle, D., 105, Warrender Park Rd. (Mason)
Middleton & Robertson, 4, Ladyfield Pl. (Joiners)
Millar & Whyte, 25, George St. (Ironmongers)
Millar, J., 7, Marchmount St. (Mason)
Mitchell, Alex., 45, Dundee Terrace (Mason)
Mitchell, J., & Son, Heriot Hill (Masons & Joiners)
Montgomery, H. T., & R., North Merchiston Avenue (Joiners)
Morris, John, & Sons, 12, Torpichen Pl. (Road & Drain Contractors)
Muirhead, Andrew & Son, 14, Castle St. (Painters)
Muirhead, J., 7, North St. Andrew St. (Joiner)
Paterson Bros., 334, Causewayside (Joiners)
Paterson, H., & Sons, 5, Elm Row (Plumbers)
Penman, D., & Sons, Gilmerton (Masons)
Potts, [illegible] & [illegible], 23, Frederick St. (Painters & Tile Layers)
Purves, D., & Co., 12, Rose St. (Plumbers)
Reid & Dowsie, Howe St. (Painters)
Rendall & Pottinger, Christian Bank (Joiners)
Rhind, Birnie, "St. Helens," Cambridge St. (Sculptor)
R[illegible], Haymarket Terrace (Mason)
Robertson & Cairns, 31, Nicolson St. (Plumbers)
Ross, D., & Son, Henry Place (Plasterers)
Ross, G., 115, St. Leonard's Street (Plasterer)
Ross, J., 17, Duncan St. (Plasterer)
Rutherford, J., & Son, 54, Haymarket Ter. (Plumber)
Scott & Davie, 26, Morton St. (and Carpenters)
Scott, A., & Son, Gilmore Park (Joiners)
Simpson & Taylor, 17, Upper Gray St. (Masons)
Sinclair, P., & Sons, Angle Park Ter. (Masons)
Slater, J., 172, Easter Rd. (Mason & Joiner)
Smith, Thos., Upper Grove Place (Joiner)
Smith, W., 11, Nicolson, Sq.
Smith, T., & Sons, 3, Buccleuch St. (Joiners)
Souden, J., 5, Spottiswoode Road (Mason)
Stalker, Robt., & Son, 15, Lothian Rd. (Painters)
Steel, J., 2, Torphichen St. (Mason & Joiner)
Stevens, D., 15, Howe St. (Plumber)
Stewart & Rae, 13A, George Street (Plumbers)
Stoddart, W., 33, Newington Rd. (Plumber)
Stratton, J. W., & G., 30, Upper Gray St. (Road Contractors)
Stuart's Granolithic Paving Co., Ltd., 6, Torpichen Place (Plasterers)
Sutherland, D., & Sons, 104, Raeburn Place and 62, Inverleith Row (Joiners)
Tait, Thos., 8, North St. Andrew St. (Smith)
Thomson, Robert, Dalry Road (Sculptor)
Thornburn, R., & Son, 135 & 137, Buccleuch Street (Masons)
Turner, W., & Son, 18, Torpichen St. (Masons)
Tweedie, W., 168, Rose Street (Plumber)
Waddell, Andrew, Freer Street (Road and Drain Contractor)
Walker, J., 24, Morrison Street, (Joiner)
Walker, P., 20, West Nicolson Street (Plasterer)
Watherston, J., & Son, 29, Queensferry St. (Joiners & Masons)
Watson, Gilbert, Woodburn Terrace
Watson, James, Bryson Road North, Merchiston (Joiner)
Watson, Wm., Arbuthnot Road (Mason)
White & Bee, St. Leonard's Street
White, A., 19, Duff Street (Mason)
White, J., & Co., 10, South St. Andrew Street (Plumbers)
White, John, 79, Craiglea Drive
Whyte, P., Gillespie Street Works, Gilmore Park (Mason)
Wightman, J., 7 & 11, South Street, David Street (Plumber)
Williamson, [illegible], 54, Frederick Street (Painter)
Wilson, [illegible] & R., [illegible], Riego Street (Joiners)
Wilson, D., 100, Potterrow (Joiner)
Young & Co., 112, Nicolson Street (Plumbers)
Young, J., & Sons, Bryson Rd.

ELGIN.

Brodie, J. (Plasterer)
Cameron, J., South St. (Plumbers)
Clark, J. H., Richmond Place (Plumber)
Dunbar, A. & R.
Forsyth, D., Culbard St.
Garrow, Alex.
Gordon, J., & Son (Plumber)
Jamieson, W., Brier Cottage
James, John, Post Office Buildings (Painter)
Jessiman, J., 51 & 53, South St. (Carpenter)
Kintred, J., & Son (Painters)
McBean, Peter, Ben View Cottage, Mayne Rd.
McIvor, Alex. (Plasterer)
McKenzie, Thos., New Elgin (Carpenter)
McKerron & McPherson
McKilligan & Grigson, High St. (Carpenters)
Ogilvie, George, 210, High St. (Slater)
Reid, Geo., Elm House
Robertson, J., 15, Batchen St. (Painter)
Ross, J., 49, High St. (Plumber, &c.)
Scott & Smith, 49, South Guildry St. (Carpenters)
Scott, Wm., Scot's Bank (Mason)
Sellar & Leitch, South St. (Carpenters)
Vincent, W. B. (Plumber)
Watt, Wm., Culbard St.
Wilson, J. (Slater)
Young, J., Bishopmill

ELIE.

Currie, J. O., South St.
Purves, J., & Son, High St. (Plumber)
Scott, D., & Co., Earlsferry
Sunter, C. M., Liberty

EVANTON, S.O.

Grant, Andrew, Main St.
Grant, Robert, Main St.

FALKIRK.

Brown, R., Bank St. (Plumber, &c.)
Christie, J., Silver Row (Slater)
Cockburn, A., West End (Gasfitter)
Cowan, P., Cistern Lane (Joiner)
Dalgleish, T., West End (Plumber, &c.)
Dalziel, W., Parkfoot (Mason)
Dra[illegible], Grahamston (Plumber, Slater, &c.)
Drysdale, R., Grahamston (Joiner)
Ferguson & Bell, New Market St. (Painters)
Finlayson, J., Grahams Rd. (Painter)
Forgie, J., Back Row (Joiner)
Gardner, J., Park Ter. (Mason)
Gibson & Gray, Bainsford (Joiners)
Gibson, J., Vicars St. (Plumber)
Gibson, W., Bank St. (Bricklayer)
Graham, J., Vicars St. (Painter)
Hamilton, W., High Station Rd. (Joiner)
Happer, J., Wilson's Bldgs. (Slater)
Johnston, C., West End (Painter)
Kilock & Kilgour, Graham Rd. (Joiners)
Lamb, J., West End (Slater)
Lorn, R., Glebe St. (Joiner)
MacNair, D., Park Ter. (Plasterer)
Main, J. & A., West End (Joiners)
Marshall, J., 8, Bank St. (Painter)
Marshall, M., Meeks Rd. (Joiner)
Maxwell, J., Meeks Rd. (Mason and Bricklayer)
McGregor & Sons, Pleasance (Slaters)
McKearney, O., Melville St. (Bricklayer)
McLachlan, J. J. & P., Russell St., Grahamston (Masons and Bricklayers)
Miller, J., Grahams Rd. (Plasterer and Slater)
Morrison, J., Glebe St. (Plasterer)
Nimmo, R., Howgate (Joiner)
Sanderson, G., Park Ter. (Mason)
Sanderson, W., & Son, Meeks Rd. (Masons)
Scott, J. G., Grahams Rd. (Gasfitter)
Sneddon, A., Grahams Rd. (Painter)
Summers, G., Grahams Rd. (Plumber, &c.)
Wallace & Connell, High Station Rd. (Plumbers &c.)
W[illegible], W., 185, Grahams Rd. (Joiner)

FALKLAND.

Laurie, W. (Plumber)
Page, William

FOCHABERS.

Glass, Wm. (Carpenter)
Legge, Wm. (Mason)
McKenzie, John (Carpenter)
Tully, Thos. (Carpenter)

FORFAR.

Adamson, John, Headingstone Pl. (Stonecutter)
Bain, A., 26½, West High St. (Joiner)
Cargill, J., Canmore St. (Mason)
Clark, J., 97, East High St. (Plumber)
Doig, J., South St. (Plasterer)
Farquharson, J., Chapel St. (Joiner)
Findlay, J., East High St. (Joiners)
Hay & Co., Academy St. (Joiners)
Kerr, J., West High St. (Slater)
Lanclands, D., 1, West High St. (Plumber)
Masterton, D., Castle St. (Plasterer)
McBeth & Milne, Green St. (Plumbers)
McLean, J., 56, North St. (Mason)
Moffat, W., & Son, 3, New Rd. (Slaters)
Shepherd, A. & C., 116, East High St. (Slaters)
Wallerston, J., 57, Glamis Rd. (Mason)

FORRES.

Cameron, D., Urquhart St.
Forbes, A., Station Rd. (Slater)
Forrest, G., Market St. (Carpenter)
Henry, J., North Back St. (Carpenter)
Laing, A., High St. (Plumber)
Laing, A., South Back St. (Carpenter)
Laing, James, Back St.
Munro, W., Urquhart St. (Plumber)
Ross, D., Tallbooth St.
Ross, Wm., High St.
Smith A., Jun., High St., (Carpenter)
Smith, C., Talbooth St. (Plumber)

FORT WILLIAM.

Chrisholm, Alexander
Fraser, Donald
Livingston, J.
Macilwrath, Cowin, & Co.
MacNab, Donald
McCullum, A., & Co.

FOSSOWAY.

Younger, R.

FYVIE.

Ferguson, J., Bogtams (Mason)
Lyon, J., Peterwell (Carpenter)
Pirie, J. P., (Slater)

GALASHIELDS.

Balmer, Wm., Seine Place (Painter and Glazier)
Bell, J. M., High St. (Painter and Glazier)
Bell, T. & P., High St. (Plumbers)
Bryden, Wm., Botany Lane (Joiner)
Dalgleish, P. & D., Roxburgh Pl. (Masons)
Davidson, Thos., Bank St. (Plumber, &c.)
Gladstone, A., & Son, Channel St. (Joiners)
Hall, J. & J., Landhope Vale (and Joiners)
Hall, R. & Co., Island St. (and Joiners)
Heathie, Robt., Scott St. (Slater)
Herbertson, A., & Son, Albert Place (and Joiners)
Hogg, Geo., Stirling St. (Slater)
Hutton, & Co., Lawyers Brae (Plumbers)
Johnston, [illegible] & Son, Union St. (Plasterers)
Lindsay, J. G., Lawyer Brae (Painter and Glazier)
McLaren L., Channel St. (Slater)
Mason, John, 121, High St. (Slater)
Melville, J. S., Market St. (Painter and Glazier)
Park, G., & Son, Gala Terrace (Masons)
Robertson, A., 17, St. Andrew St. (Plasterer)
Ruthven, B., Island St., (Plumber)
Scott, John, Bank St., (Plumber)
Scott, Wm., 23, High St. (Joiner)
Stevenson, John, 43, Queen St. (Joiner)
Sutherland, G., Albert Pl. (Sculptor)
Tait Bros., 60, High St. (Painters and Glaziers)
Thompson, Alan, Albert Pl. (Plumber)
Tweedie, Brownlee, & Co., Bank St. (Plumbers, &c.)
Tweedie, John, & Son, High St. (Plumbers)
Watt, G., & Son, 15, Bridge St. (Painters and Glaziers)
Wood, W. & J., Park Rd. (and Joiners)

GALSTON.

Anderson, J., Barr St. (Mason)
Anderson, R., Bentnick Terr.
Findlay & Richmond, Wallace St. (Joiners)
Hepburn, J., Wallace St. (Joiner)
Steel, J., Cross St. (Joiner)
Yendall, A., 20, Barr St. (Joiner)

Scotland—*continued*

GAVINGTON-[illegible]

Cowper, Jas
Spiers, John

GLAMIS

Johnston, J., Braehead

GLASGOW

Adam, John, & Co and Masons,
Adam Stephen, & Co., 231, St. Vincent St Glass Stainers
Allan, W., & Cowan, 27, Seamore St Wrights
Allan & Baxter, 198, Maxwell Rd., Pollokshields Wrights
Anderson, H [illegible] 15 St Vincent St [illegible]
Anderson, John, 362, Parliamentary Rd. Slater
Anderson, J & R., 76, Bath Street Painters
Anderson, R & A., 283, Parliamentary Rd Masons
Anderson, W., 284, Buchanan St and 52, Greenside St. Plum[illegible]
Anderson, P & W., 64, Douglas St., off Bothwell St Masons
Anderson & Henderson, Ltd., Renwick St., Kinning Park Wrights,
Barlas, G., & Co., 13, Ruthven St., Hillhead Masons
Barlas, M., 325, North Woodside Rd.
Bathgate, H. S., 540, Duke Street Plasterer
Bell, A., 35, South Portland St [illegible]
Bell, Hornsby, & Co., 176, Pollokshaws Rd Brickbuilders
Black, T., & Co., 195, Broad St., Wrights,
Bladen & Co., 70, Wellington St [illegible]
B[illegible] & [illegible], 372, [illegible] St Masons
B[illegible] & [illegible], 29, Bothwell St Painters
B[illegible] Henry, 20, Windsor St. Plasterer
Bremner, Jas., 106, Nelson St. Plasterer
Brown & Fingland, 125, Barrack St. Slaters,
Brown, A., 48, Grafton St. Plasterer)
Brown, Kellock, 138, Wellington St. Sculptor
Brown, T., Langside Wright
Brown & Young, 7 Bath St Plumbers,
Bruce, A., 69 and [illegible] Cathedral St [illegible]
Bryce, J., & Son, 82, Oswald St. Plumbers
Bryden, John, & Sons, 60, Renfield St. Bellhangers
Bryden, William, & Sons, 300, St Vincent Rd. Bellhangers
Buchanan, D., 478, New City Rd [illegible]
B[illegible], 289, Dalmarnock Rd Wright
Buchans & McIntyre, 50 Union St Gasfitters
Barnet & White, 277, Parliamentary Rd Slaters
Cairns, John 18, Bath St. Plumber
Cairns & Laing, 5, Carlton Pl. Plumbers
Calder, A., 586 and 588, Eglinton St. Plasterer,
Calderwood, Robert, 85, Glebe St. [illegible]
Calderwood, Thos., 300, Sunnyside Rd Mason
Cameron, C., 219 Cambridge St. Plumber
Carbarns, J., & Sons, 128, Hunter St (Slaters, Plasterers, &c.,
Carlton, C., & Son, 180, St. Vincent St Painters
Carmichael, Robert, Douglas Street Partick
C[illegible] G & J., [illegible], Sauchiehall St Plumbers
Christie & Smith, 28, East Market St [illegible]
Clarke, A., & Co., 35, Buchan Street Gasfitters
Clerk, D., & Son, 92, Wellington St Smiths
Cochrane, J., Jun., 205 St James Rd Wright
Coghill, Alex., 223, West George St. Mason
Collier, W., Mansfield Ter., Springburn
C[illegible], & Son, 108, North Hanover St Heating Engineers
[illegible] Robert, & Son, 23, Onslow Drive Bricklayers
Cormack, J., & Sons, [illegible] Abercorn St Heating Engineers
Co[illegible]and & Mackay, 150, Hope St. Ventilating Engineers
Cowan W., [illegible] St [illegible] Wrights
Craig, John, 94, Paterson St., Kingston Stair-railer
Crawford, J., 54, Whitevale Street Brickbuilder
Dalton, J., & Sons, 19, Weaver St. Plasterers
Darrie, W & G., 64 Bothwell Street Slaters
Dawson & Sheriff, 29, Canning Place Modellers
Deas, John, & Co., 67, Sydney Street Smiths,
Devlin, J., & Son, 11, Bothwell St Masons
Dick & Benzies, 89, Forth St., Pollokshields Wrights
Dick, John, 28, Bath St. Mason
Donaldson, Archd., Abercromby St. Plumber
Drummond, J., 92, Sydney Street Plasterer
Duncan, Jas., & Son, 8, Dunard St. Masons
Eadie, A., & Son, 280, Cathcart Rd., S.S.
Ferguson, A., 281, Bath Street Wright
Ferguson, G., 144, Gardner Street Wright
Ferris, Richard 129, West Regent St [illegible]
[illegible] James, 10, Octago St., Hillhead [illegible]
F[illegible] & [illegible], [illegible] Grant Street Wrights
[illegible] T & R & Co Argyle St.
F[illegible], [illegible], Dumbarton Road [illegible]
Forbes, Alex., 10, Hyde Park Street Wright
Forbes, John, 158A, Bath St Plasterer
Fulton, D & R., 104, Woodlands Rd. Plumbers
Fyfe & Allen Ltd., 45, St. George's Rd Plumbers)
Galbraith and Winton 129, St. Vincent St Marble Cutters
George, W., McD., 3 Scott Street, Garnet Hill Joiner
Gibb, R., & Sons, 49, Sword Street Masons
Gibbon, E., 15, Henrietta Place [illegible]
G[illegible], R., & Son, 50 & 52, New St [illegible]alton Brickbuilders
G[illegible], Jas., & Son, 34, St. Enoch's Sq [illegible]
G[illegible] W[illegible], [illegible] West Graham St.
Graham, G., & Co., 114, West Campbell St. Painters
Graham J., & Co., 184, George Street Wrights
Gray A. & G., 30, Bath Street Wrights
Gray, C., & Son, 18, Paul Street [illegible]
Graydon [illegible] Craiguestoch Place Plasterer)
Green & McCullum, 42 and 44, Possil Rd Masons
G[illegible], John, & Co., 17, Stirling St., Coweaddens Plasterers
Guthrie & Co., 68, Kelvin Street Wrights and Joiners
Guthrie, J & W., 257, West George St. Glass Stainers and Decorators
Hamilton & Co., 31, Paisley Road (Slaters and Concrete Paviors.
[illegible]egney, G., & Son, 458, Gt. Western Rd (Plumbers

MATHEW HENDERSON

WRIGHT, BUILDER,

and

CONTRACTOR,

VALUATOR and ASSESSOR,

4 to 10, GRANT ST., GLASGOW.

TELEPHONE No. 1[illegible]

Works executed include—

PUBLIC AND PRIVATE PREMISES THROUGHOUT SCOTLAND

References Several Architects.

Herbertson J., & Sons, 85, Bedford St Laurieston & Wrights
Hill, Geo., 118, Vincent Lane Mason
Holmes, J., Sandyfaulds Lane Wright
Hood A., & Co Hutchesontown Saw Mills, Polmadie and Joiners
Horn, J., 1,099, Pollokshaws Rd. [illegible]
Hunter & Marshall, 103, Cambridge St. Wrights
Hutcheson & Grant, 52 Gardner St. Wrights
Hutcheson & M'Cable, 159 Bothwell St Wrights
Hutcheson James, [illegible] West George St Gasfitter
Hutchieson, D T., 245, St Vincent St [illegible]
[illegible]ngleton, J., & Co., 168, George St. Plumbers
Johnstone, Chas., [illegible]8, South Portland St. Plumber
Johnston, J., & Son, 130, Renfield St Plumbers
Kay, T., & Co., 12 to 14, Hopetown Place Wrights
Kean & Wardrop, 167, Bath St [illegible]

H. KENNEDY & SONS,

Railway and Public Work Contractors.

PARTICK, GLASGOW.

Some of our principal works recently executed, and now in construction

Glasgow City and District Railway, S[illegible] & Wilson [illegible] C[illegible] Railway and Pier, Jas. Carswell, C.E., Greenock and Gourock Railway and Pier, and Gourock Stations, £300,000, Geo. Graham, C.E., Glasgow Harbour Tunnel (in construction), £100,000, Simpson & Wilson, C.E. Glasgow City and District Subways, Contracts Nos. 4, 9 and 10 (in construction), £150,000, Simpson & Wilson, C.E. Highland Railway Strathdearn Contract (in construction) [illegible] Lanarkshire and Dumbartonshire Railway Clydebank Contract in construction C Forman, C.E., £110,000. Ayr Harbour South Quay Wall Contract in construction, £21,000. Dalmuir Contract Lanarkshire and Dumbartonshire Railway in construction £25,000.

K[illegible] W[illegible] [illegible] Street Heating [illegible] Engineer
Kinnear, Moodie & Co., 27, Alexander St. Joiners
King, D., & Son, Keppoch Iron Works, Possil Park, Ironfounders
Kirkwood John, 14, Melville St. Pollokshields Masons
Kirkwood, W. & G., 418, Dumbarton Rd., Partick Plasterers
Knox, A., & Son, 17 to 23, George St. Mile End Wrights
Laird, G., & Son, 16, Ann St., Bridgeton Wrights
Lamb, T., & Stewart 229, Parliamentary Rd., Wrights
Leckie, J., & Co., [illegible]15, Raeberry St. Masons
Leishman, A 86, West Campbell St. Wright
Lightbody, Wm., 42, Sydney St. W[illegible]
Livingstone David 85, Maxwell St Pollokshaws Wright
Low, A., 15, Maxwell St., Partick Plumber
Lumsden, Robt., 20, Finlay Drive Brick and Oven Builder)
Lyall, John, Allison St. Govanhill
Maben & Co., 65, Eglinton St [illegible]
Macallan, James, 110, Stirling Rd Wright
McAlpine, G., 181, Dalmarnock Rd. Plumbers
McAulay, J. & Co., 70, Albert Rd Pollokshields Wrights
McCaa, J., & Co., 47, Oswald St. Masons
McCall, W., & Sons, 5, Balmano St Wrights
McCallum & Hope, [illegible] Cadogan St [illegible]
McCallum, D., Junr., 140, Bothwell St. Mason
McCallum, J. B., 158, Raeberry St Mason
McCord, R., & Son, 215, Pollokshaws Rd. Masons
McCulloch & Co., 154, West Regent St Painters and Glaziers,
McDougall, Norman, 132, Bath St. [illegible]
McEwan, Alex., & Son, 85, Bridge St., Partick
McE[illegible] W[illegible] 48, Bothwell St. [illegible]
M[illegible], Sauchiehall St. Painters
McFarlane, A., 81, Cathedral St. Wrights
McGaw, W., 536 Gairbraid St., Maryhill Mason
M[illegible] 269, Eglinton St [illegible]
M[illegible] 12[illegible] West Regent St [illegible]
M[illegible] West Regent St [illegible]
M[illegible] & Son, Mount Florida Painters,
McIntyre, A., & Son, 65, Nithsdale St
Mackay, A. & D., 35, Oswald St Slaters
M[illegible]
M[illegible] St
M[illegible], Holland St Plumbers
M[illegible] N., & Sons, 87, South St., K[illegible] Park
M[illegible] P., & Son, 55, Bath St M[illegible]
M[illegible] A., & Co., 54 and 58, Waterloo St Electrical Engineers
Maclellan P & W., Ltd., 129, Trongate Engineers
McLellan, W., & Son, 9, Killermont St. Wrights
McMillan, J. [illegible], Scott St. Ironfounders
McKnat, [illegible] & Son, 98, London St [illegible]
McQuarrie, J [illegible]07, North Hanover St Plasterer
Mailer, W & D
Malloch, [illegible] & J., 304, St. Vincent St Glaziers
Marshall, A. G., 35, Pitt Street Mason
Martin T., 171, West Regent St. [illegible]
Mason, R., 104, Sauchiehall Street Plumber
Meikle & Sons, 19 & 21, Wellington St. Glaziers

Scotland—*continued.*

Meikle, Wm., 48, East Howard St., Slater
Meiklejo[illegible], A., 21, Rupert Street Wright
Miller & Murray, 187, Pollokshaws Road and Wrights
Miller, W. & P., 12, Winton Drive, Kelvinside
Milne, J., & Son, 111, St. Vincent St. Plumbers, &c.
Mitchell & Davis, West Regent Lane
Morgan & Sons, 37, Elderslie Street Masons
Morrison & Mason, Ltd., 21, Clyde Place
Morrison & Mair, 15, Aikenhead Rd.
Morrison, James, Polmadie Rd.
Morton, Robert, 11[illegible], Rutherglen Rd. S.S. and Mason
Moyes, Wm., & Sons, 227, Maxwell Rd., Pollokshields Plumbers
Muir, A., & Sons, 400, Eglinton St. Masons,
Muir, R., & Son, 141, Dundas St. [illegible]
Muirhead, J., 3, Arden St., Maryhill
Munro, Thompson & Co., 158, East Milton St. Plumbers
Murdoch & Cameron, Charles Street Engineers
Murdoch, R., 19, Commerce St., [illegible] Mason
Murray, [illegible], 189, Dalmarnock Rd. Plasterer
Myles, J., & Co., 11, Rosevale St., Partick Wrights
Niven, A., & Sons 301, North Woodside Rd.
Parker, J., 60, Bluevale St. Mason
Paterson, John, & Co., 43, Candleriggs Plumbers
Paterson, J., & Son, Ltd., 2, Commerce St.
Paterson Oscar, 118, West Regent St. Stained Glass Artist
Pirie, Alex., 39, Bothwell Street Plasterer,
Porter, John, London Road Bricklayer
Raeside, J., 375, Gallowgate Plum-[illegible]
[illegible]
[illegible], J., & Sons, 293, Hope St. [illegible]
Renfrew, Bros., 140, North Street Plumbers
Rennie & Duncan, 201, Pollokshaws [illegible] Masons
Renwick John, 248, West George St.
Robertson Wm., [illegible], Western Cross, Anniesland, S.S. and Wright
Rome, George, & Co., 136, Waterloo St. Plasterers
Rose, A. M., & Sons, 10 & 12, Ann St. Slaters
Ross, Jas., 1[illegible], West Campbell St.
Russell, [illegible]
Russel, [illegible]
Scott, A. & J., [illegible] Painters
Sellars, George, 241, West George St. Painter
Sharp & Cruickshanks, 44, Dundas St. Plumbers
Shaw, W., & Sons, 44, Wallace St. [illegible]
Shirrel's, W., 231, West Campbell St. Plasterer
[illegible]r, J. P., 29, Macfarlane St.
[illegible] tick Mason & Wright
Smith, F., 8, Mason St. Monumental Sculptor
Spiers, Moses, & Sons, 95, Bothwell St., and 6, Victoria Rd., Mount Florida Plumbers
Stalker & Daye, 112, Gt. Western Rd. Plumbers
S[illegible] W., & Sons, 481, London Rd. [illegible]
Stewart, John, 23A, [illegible]le St. [illegible] Slater
Stewart [illegible]
Stewart, T. [illegible] 1, Shields Rd. [illegible]
Stott[illegible] J., & Son, 90, Pitt St. Plasterer
Stuart, A., 122, South Portland St., Mason
Thompson, J., 100, Sword St. Mason)
[illegible]
Thomson, Alex., Junr., 138, Pollockshaws Rd. Mason
Thompson, Wm., 95, Dumbarton Rd., Partick Plasterer
Tonner, W., 35, Douglas St. Plasterer
Twaddle, H., & Son, 170, Gallowgate Plumbers
Twaddle, John, 505, Gallowgate Plumber
Vickers, W., 221, West Regent St., Architect, Carver, & Modeller
Walker & Dick, 260, Paisley Rd. Joiners
Wallace & Connell, 42, St. Enoch Sq. Plumbers
Walton, G., & Co., 150, Wellington St. Decorators & Glass Stainers
Watson, A., & Co., 80, George St. Plumbers)
Watson, James, Balshagray, Partick Wright
Watt & Wilson, 178, Petershill Rd. Masons and Wrights
Webster, Walker, & Webster, 836, Crown St.
Weir, Wm., 9, Nicholson St. [illegible]
[illegible]
Y[illegible], & Co., 12, Bothwell St. [illegible] Cutters and Tile Layers,

GLENEAGLES

Deas Alex. [Joiner]
Deas, Wm. Mason,

GOLSPIE

Fraser, G., & Son Masons
Mackay, Andrew Plumber
Mackenzie, D. [illegible]
Nicol, J. & J. [illegible]
Sutherland, J. [illegible]
Watson, A. Painter
Watson, W. [Plasterer]

GORBRIDGE

Bennet, T. & M.
[illegible]
Macfarlane, Walter [Joiner]
Rinsley, Jas. Joiner
Smith, Peter [Joiner]
Thomson, Thomas
West Jos.

GOUROCK

Black, Alexr., 42, Kempock St. Joiner]
[illegible]
Russell, G. H., 32 Kempock St. Slater
Sl[illegible] M., 15, Kempock St. [illegible]
Simpson, J. & R., 10, King St. Joiners
Slaven, M., 23, Hopeton St. Plasterer,
Tweedale, D., John St. Joiner)

GOV[illegible]

Angus, G., & Co., 589, Govan Rd. [illegible]
Bell, John, & Co., Ingram St.
Campbell, P. & A., Campbell St. Wrights,
Hamilton, Marr & Co., Govan Saw Mills
McFeat, John Plumber
Nicol, G., 727, Govan Rd. Plasterer

GRANGEMOUTH

Aitken Bros. Plumbers
Aitken, H. Mason
Baird, P., Canal St. Slater and Plasterer
Farquhar, J., Railway St. Joiner
Marshall, Wm. Joiner
Morrison, W. J. Grange Street Plumber, &c.
Russell, J., Bonigs Rd. Slater and Plasterer
Rutherford, D., Dundas St. [Joiner]
Taylor, A., Dundas St. [Plumber, &c.]
Williamson, A., Oxgang Joiner
Young, G. & E. [Plumbers, &c.

GRANTOWN

Grant, A. Macpherson

GREENLAW

Smeaton, Adam
Steel, H.

GREENOCK

Allan, Jas. 10, Tobago St. [Joiner]
[illegible]enhead, R., and Sons, [illegible]croft St. [Masons
Austin & Kinnaird, 19, Bogle St. Wrights
[illegible]
Crawford & Kerr, 6, Bogle Street Plumbers
Denny & Crawford, [illegible], Kelly Street [Joiners]
Fairgrieve, W., & Sons, 6, West [illegible]
K[illegible] & R., 5, Campbell Street Masons
Kirkwood, T., 78, Holmscroft Street [illegible]
[illegible]
Mackay, Peter & Son, 9, West Burn Sq. Slater
McCreadie, James, Jamaica Lane Plasterer
Mc[illegible]ne, James, 78, Wellington Street Plasterer
McEwing, D., 3, Sprinkgeal Street Gasfitter
McJannet, J., 62, Inverkip Street Plumber
McPherson, D. K., 3, Newton Street Slater,
McLeod, Wm., 31, Sir Michael St. Joiner,
Miller & Co., 64, Inverkip Street [illegible]
Mitchell, J., 5, West Stewart Street Plumber
Paterson, G., 31, Roxburgh Street [Joiner]
Paterson, W., Junr., Hunter Place [Slater]
Phillips, D., & Sons, 5, Tobago St. Slaters
Ramsay, G. A., 16, Nicholson Street [illegible]
[illegible] M[illegible]aig, 30, Charles St. [illegible]
Steel, W., 10, Jamaica St. Mason]
Stevenson, Alexander, 89, Wellington St. and Joiner,
Tannock, Q., 5, Sir Michael Street Plasterer
Tosh, D., & Son, 9, Brougham St. [illegible]
W[illegible], 70, Drumfrochar [illegible]
W[illegible] & Gray, 51, Vennel [illegible]

HADDINGTON

Amos, W., Market St. Slater
Brown, J., Court St. Plumber
Cumming, Chas., Sidegate St. Slater
Farquharson, John Court St. Joiner,
Grant, Wm., Hope Park
[illegible]
Mitchell, Jos., Court St. Plumber
Ormiston, P., & Son, Church St.
Orr, J., Market St. Joiner
Ross, T. M., High St. Plumber
Runciman, A., Market St. Plumber
Watson, Alex., Court St. Plumber

HALKIRK, Thurso.

Bain, J., Church St.
Gray & Weir Masons
Innes, W., Ulbster Arms Hotel Joiner
Ross Donald Joiner
Sinclair, Alexander Joiner,

HAMILTON

Anderson, T., 16, Haddow St.
Binning, H., 13, Muir St. Plumber
Brown & Henderson, Portland Park
Currie, Jas. Slater and Plasterer
Downie, Robert
Hamilton, C., Parrell Cottages
Maxwell, J. & D., Almada St. Joiners
McGhie, W., Haddow St. Slater and Plasterer
Purdie, J., Burnbank Rd.
Taylor Lachlan Plumber, &c.
Wilkie, Alex. Joiner

HARRAY, Orkney Islands

Firth, Saml. Mason

HAUGH-OF-URR

Montgomery, R. Mason

HAWICK

Beattie, J. Bourtree Pl. Joiner
Brunton, J. Round Close Carpenter
Davidson, W., & Sons, Croft Rd. Plasterers
Grieve, W., & Co., Buccleuch St. [illegible]
Guthrie, [illegible]
H[illegible] 3 and 5, Allars [illegible]
[illegible] & Sons, Bridge St. (Carpenters, &c.,
Marshall, J., & Sons, Lothian St. Masons
Martin, Scott, & Co., 21, Bridge St. [illegible]
Murray, J., & Son, 38, Bridge St. [illegible]
Oliver, A., Northcote St.
[illegible] & Murdock, Drumlanrig Sq. Plumbers]
Scott & Thompson, 1, Slitrig Bank Slaters,
Scott, A., 18, Bourtree Pl. Mason
Smith & Scott, 14, Oliver Crescent Slaters
Wood, James S., Wilton Hill

[illegible]

Dick, John, 33, Princes St. West [illegible]
Jack, John, 24, Lomond St. Mason
Jack, Wm., 44, King St. East [illegible]
Train, Anthony, Princes St. East Mason

HELMSDALE

Gordon & McPherson Joiners
McDonald, A. Mason]
[illegible]
Sutherland & Gordon Joiners,

HUNTLY

Archibald, T. G., 9, Chapel St.
Barclay, Alex., Old Rd. Slater
Bonneyman, A., Aberchirder
Copeland, J., McVeagh St.
Cormack, W., 13, East Park St. Mason
Dey, John, Bogie St. [Carpenter
Douglas, Robt., 14, Square Plumber,
Duncan, Wm., George St. Slater
Henderson, Thos., Gladstone Rd. [Slater
Logie, John, George St. [Carpenter,
McKay, [illegible], Deveron St. [Carpenter
Mitchell, Geo., Bogie St. Painter
Mitchell, R. & J., Old Rd. [Mason
Pirie, J., Meadow St. [Carpenter
Robertson, A., Castle S[illegible]
Rust, Wm., 88, Gordon St. Plasterer
Wilson, John, Bogie St. [illegible]

Scotland *continued.*

[illegible]

Graham, Geo.
Mathieson, Robert

INVERGORDON

Fraser, D., High St
Mackenzie, A., Slater
Munro, A., Clyde St.
Munro, D., High St., Plasterer
Ross, J.

INVERKEITHING

Adamson, D., & Son

INVERNESS

Alexander, W., & Co., Crown Drive [illegible]
Allison, H. A., [illegible] Washington [illegible] Plumber
[illegible] A., Dempster Gardens [illegible]
[illegible]
[illegible] R., & Sons, 57, Academy St Plumbers
[illegible] Alex., Midmills Road [illegible]
Cameron, P., Argyle St., Carpenter
Campbell, J., Rustic [illegible], Ardross Pl., Mason
Chisholm, R., Church St., Painter
Dallas, Donald, Muirtown Street, Plasterer
Ferrie, R., Fraser St., Plumber
Fowler & Kennedy, Anderson St., Plasterers
Fraser & Bain, Crown House, Crown Avenue, Masons
Fraser & Budge, Glen Urquhart Rd., Masons
Fraser & McDonald, Kenneth St., Carpenters
Fraser, [illegible], Castle St., Plumber
[illegible] Argyle St
[illegible] R., Ardross Place, Plasterer
G[illegible] & Johnstone, Huntly Street, Carpenters
Grant, J[illegible], Bridge St., Painter
[illegible] Slater
[illegible] 6 [illegible]
MacBean, John, Dempster Gardens, Carpenter
Macdonald & Fraser, Kenneth Street [illegible]
[illegible] & McAndie, Free North Church [illegible] Plasterers
McDonald & McLean, King St., Masons
McDonald, [illegible] 7, Tomnahurich St., Carpenter
McDonald, D[illegible] and 23, Bridge St [illegible]
McDonald, T., Clunes Villa, Porterfield, Mason
McDonald, T., Hilton, Mason
[illegible]
McDonell, Angus, Church Street, Plumber
Mackay & Maclean, 49, Castle St. [illegible]
[illegible] & Co., Church Street, Plumbers
MacIntosh, John, Castle St., Plumber
McKenzie, A., Inver Cottage, Kenneth St., Mason
McLennan, Donald, 9, Glebe St., Carpenter
McLeod & McIntosh, Church St [illegible]
MacVinish, H. R., & H., India St [illegible]
Martin, Alexr., [illegible] Academy St. [illegible]
Michael & Junor, Huntly St., Carpenters
Munro, John, Washington Court, Painter
Nisbet, J., 4[illegible], Petty St., Plumber
[illegible] Joinery Works, [illegible] St
[illegible] & Burgess, 90, Church St. [illegible]
Paterson, Alexr., Dempster Gardens, Slater

Reid, J., Kenneth St., Slater
Robertson & Gillies, Longman [illegible] Carpenters
Ross, W., & Son, Castle St. [illegible]
Russell, A. [illegible] Plumber
Stewart & Maclean, Lyon's Court, Joiners
Taylor, A., & Co., Argyle St. [illegible]
Thomson, A., & Co., 100 Church St., Plumber
Tulloch, [illegible] 26, Academy St., Painter
Tulloch, T., [illegible] Church St. [illegible]

IRONGRAY

Fair, J., Crapecroft, Mason
Hunter, J., Shawhead, Joiner

[illegible]

Armour, J., & Son, Masons & Bricklayers
Gilmour, J., Son, & Co., Painters
Hall, T., Plumber & Slater
Jack & Co., Carpenters and Joiners
Johnston, J., 18, [illegible] Plumber and Slater
[illegible]
M[illegible] Bricklayers
Parker, A., Carpenter and Joiner
Stobie, D., Plasterer
Wark, Chas., Carpenter and Joiner
Vise, Robt., Carpenter and Joiner

JEDBURGH

Aitken & Heath, Plasterers
Brunton, W., & Son, 28, Bongate [illegible]
Inglis, [illegible]
Waugh, W. [illegible] Plumbers

[illegible]

Jaffrey, D., & Sons, 14, G[illegible] M[illegible]
[illegible], W., & Sons, Campbell St., Masons
Love, R., 9, William St., Plumber
M[illegible] & Son, Walkinshaw St., Masons
Morrison, A., Laigh Carlside Street [illegible]
Murdoch, C., 9, Macdowall Street, Plumber
N[illegible], & Sons, 10, High St., Plumbers
[illegible] & Son, Ludovic Sq. [illegible] Plasterers
Thomson, G., 15, Collier St., Slater and Plasterer

KEITH

Anderson, C., Mid St., Painter
[illegible], Mid St., Plumber
[illegible] Mason
[illegible] Broomhill, Carpenter
Gibbon, J., Moss St., Carpenter
[illegible] Russell Land St., Carpenters
[illegible] William, Broomhill, Mason
Dey, J., Bortriphnie, Carpenter
Garden, J., Newmill, Carpenter
Henderson, J., 20, Mid St., Carpenter
Innes, A., & Lawrence, Geo., Newmill, Mason
McConnachie, M., Mid St., Painter
McConnachie, W., Mid Wynd, Ca[illegible]
McKay, G., 124, Land St., Plasterer
McPherson, W., Wellington Terr., Mason
Mitchell, J., Fife St., Carpenter
Munro, A., Mid St., Plasterer
Rathie, R. K., Mid St., Plumber
Smith, Jas., Edingight Grange [illegible]
Stewart, T., Hyde Park, Mason
Stewart, W., Duff St., Mason
Strachan, A., Land St., Slater
Taylor, J., Regent St., Slater
Wright, A. & R., Moss St., Slaters

KELSO

Bruce & Sons

[illegible]

Scott, J., Joiner

[illegible]

McKenzie, Kirkh[illegible]

[illegible]

Borwick, T. & M.

KILCONQUHAR, R.S.O.

Forrest, Matthew, Joiner

KILLEARN

Sinclair, A., & J., Wrights

KILMALCOLM, [illegible]

McIlwraith, D., Plumber
Miller, John, Mason

KILMARNOCK

Anderson, Wm., Hood's Buildings, John Finnie St., Painter
Andrew & Dale, 9, East George St., Joiners
Boyd & Forest, West Langland St
Calderwood, A., John Finnie St., Mason
Elder, J., St. Marnock Place, Plasterer
Fulton, D. & R., 33, Portland St [illegible]
Gilchrist, A. & H., John Finnie St., Painters and Glaziers
Inglis, J. [illegible], 35, Woodstock Pl.
McGregor, A., 3[illegible], Waterside St.
Muir, M., & Co., Bank Pl., Mason
[illegible] Bank Street [illegible]
[illegible] Mill Lane, Joiner
[illegible] J., 57, St. Andrew St. [illegible]
Pearson, [illegible] M., John Dickie St.
Pollock, W., John Finnie St
Robertson, R. C., & Son, King St. [illegible]
[illegible] St., Joiner
Speer & Wight, 37, Bank St., Plumbers
Stevenson, R., 5, Back St., Slater & [illegible]
W[illegible] J., Hill St
[illegible] St., Mason
W[illegible] Sturrock St. [illegible]
Wood, D., Morris Lane
Young, P., 41, St. Andrew St
Yuille, R., & Sons, 6, Portland St., Slaters, Plumbers, &c.

KILWINNING

Arnot, J., Carpenter and Joiner
Barrie & Jack, Masons
Brown, Thomas, Carpenter & Joiner
[illegible] W., Main St., Bricklayer
[illegible]
[illegible] Plumber & Gasfitter
[illegible] West Doura, Mason and [illegible]

[illegible]

Macdonald, J., Dellefour House

KINROSS

Bogie, G., High St
Porteous, G., Main St., Plumber

KIPPEN

Syme, Thos.

KIRKCALDY

Barnett, Jas., Loughboro' Rd., Pathhead, Mason
Clephane, C., Newtown, Joiner
Darling, A., Pathhead, Plumber
Duff, Alex., Cowan St., Mason
Duff, Robert, Cowan St., Mason
Ferguson, Alexander, 40, Mary Hall St., Slater
Ferres, Richard, 27, Links St., Plasterer

Frew, Wm., & Son, 481, High Street, Plumbers
Fraser, A., Junr., 143, Back Street, Pathhead, Mason
Grant, Wm., Kirk Wynd, Plasterer
Gray, A., & Co., Victoria Road [illegible]
Henderson, R., [illegible]3, Links Street, Plumber
Hutchison, A., 14, Aitken St., Plasterers
Hutchison, H., High St., Plumber, [illegible]
Kirk, A., Back St., Pathhead, Plumber
Latham, J., Cowan St., Joiner
Low, A. B., & Co., Overton Rd., Saw Mills, Joiners
McKay, J., Sands Rd., Mason
Masterton, Henry, 14, Institution St.
Menzies, T. & G., 52, Great Park St., Masons
[illegible] J., & Son, James [illegible] Masons
Rodger, Jas., Dunnikier Rd., Slater
Scott & Co., Pathhead, Joiners
Scott, Geo., Marin St., Plasterer
Simpson, David, Redburn Wynd, Joiner
[illegible] Rd., Masons
Smith, J., Thistle St., Joiner
Speed, Jas., High St., Mason
Torrance, J[illegible], Plumber
[illegible] D., Nairn St., Pathhead, Painter
Wishart, John, Milton [illegible], Joiner
Wishart, M., Alexandra St., Joiner
Wood, J., & Sons, High Street, Plumber

KIRKCUDBRIGHT

Wallace, W.

KIRKLISTON, R.S.O.

Bowmaker, Geo., Joiner

KIRKMICHAEL, [illegible]

Gordon, J. M., Mason
M[illegible], J., Slater
Small, J., Joiner

KIRKPATRICK-DURHAM

[illegible]

Ferguson, K., Mason
Milligan, R. & G., Slaters
Riddick, W., & Son, Joiners
R[illegible], A. & P.

KIRKWALL

Baikie, S., & Son, Kirkwall Saw Mills, Junction Rd
[illegible], J., Junction Rd., Joiner
Firth, W., Main St., Mason
[illegible], Junction Rd
J[illegible] John, High St.
[illegible] William, [illegible] Kirkwall
[illegible] & Son, Junction Rd. [illegible]
W[illegible], J., & Son, Queen Street [illegible]
Work, Wm., Albert Lane

KIRRIEMUIR

Adams, A., Plumber
Crabb & Ballentine, High St., Masons
Low, J., Marywell St., Joiner
McPherson, L., Gordon Park, Plasterer
M[illegible] 25, Marywell St [illegible]
[illegible] St., Joiner
[illegible], High St., Painter
[illegible] & Sons, Reed St [illegible]
W[illegible], J., & Son, Wellbank, Masons

LADYBANK

Nairn, David
Williamson, Thomas

LAI[illegible]

Mackenzie, James, Torroble, Slater

Scotland—*continued.*

LANGHOLM.

Leil, [illegible] & Son, Caroline St. [illegible]
[illegible], 11, Buccleuch [illegible]
Hyslop, John, 21, Caroline St.
[illegible]
Millar, John, Caroline St. (Joiner)
[illegible] R. B., 6, Buccleuch Sq. [illegible]
[illegible]
Telford, Jas., High St. (Joiner)
Wallace & Allan, Market Pl. (Plumbers)

LARBERT.

Allan, A. (Joiner)
[illegible]
Baillie, J., Carronshore (Joiner)
Brunton, Gilbert (Plumber)
Dickson, J. (Plumber)
[illegible] (Plumber)
Graham, G. (Joiner)
[illegible], Stenhouse Muir (Masons and Bricklayers)
[illegible] (Masons)
Reid, W., Burnbank (Masons)
Robertson, J., & Co. (Joiners)
Simpson & Young (Joiners)
[illegible], Stenhouse Muir (Slater)

LARGO.

[illegible]
[illegible] (Mason)
[illegible]
[illegible] (Masons)
[illegible]
[illegible]
[illegible]orne, W. (Joiner)
[illegible]
[illegible]
Stewart, S., & Son, 32, Boyd St. (Slaters)
Stirling & Telford (Plasterers)
Thomson, W. (Plumber)
Welsh, A. (Plumber)
White, A. M., Lunden Links
Wilson, A. (Plumber)
Wylie, J. & J., Main St. (Plumbers)

LARKHALL.

[illegible] (Wrights)
[illegible] (Mason)
[illegible] (Wright)
Watson, J. (Wright)

LAURIESTON.

Copland, J. (Mason)
Drummond & Crow (Slaters)
[illegible] (Masons)
Maxwell, J. D. (Slater)
McMartin, J. (Carpenter and Joiner)
Smith, B. (Mason)

[illegible]

Anderson, [illegible]
Laing & Mounsed, Leith Walk Station
Baxter, [illegible], Dock St. (Mason)
Best, J., New Dock Works, Albert Dock Road and [illegible]
Black, John, Jane St. (Ironwork)
Brown, W. & J., [illegible] Junction [illegible] (Painters)
[illegible] & M[illegible] (Masons and Joiners)
Christie, W. & S., 78, Constitution St. (Slaters)
Cochrane, John, 44, Kirkgate (Plumber, &c.)
[illegible] St. (Joiners)
Dobbie & Co., Coalhill (Cement and [illegible])
[illegible]
Duff, Jas., 9, Maitland St. (Painter)
Dunse, D., 21, Gt. Junction St. (Slater)
Field & Allan, 60, Bangor Rd. (Tile-layers)
[illegible]
[illegible], 9, Dalmeny St.
Galloway, M. P., 24, Shore (Plumber)
Hadden & Son, 99, Constitution St. (Painters)
[illegible] & W., 89 [illegible] Junction St. (Joiners)
Heirs, G., 28, Dock St. (Plumber &c.)
Henderson & Wilson, 51, Charlotte St. (Joiners)
Johnston & Rose, 32, Coburg St. (Joiners)
Kinnier, Jas., 12, Crown St. (Mason)
Kirkpatrick, T., 112, Constitution St. [illegible]
Knox, P., & Sons, 31, Crighton Place, Leith Walk (Plumbers, &c.)
Liddle, R., 98, Constitution Street (Plumber)
McLean & Reid, 48, Coburg Street (Slaters)
McPherson, T., 134, Duke St. (Plasterer)
Martin, David, 4, Allan St. (Painter)
Melrose, John, & Son, 19, Bonnington Rd. (Masons)
[illegible] Dock St. (Painter)
Ogilvy, A., 63, Duke St. (Slater)
Porteous, Adam, 148, Bonnington Rd. (Plumber)
Reid, Geo. 38, Bernard St. (Plumber)
Saunders, W. M., [illegible] Mitchell St. [illegible]
Scott & [illegible], Morton St. (Plasterers)
Sh[illegible] R. & [illegible] Shore (Plumbers)
Stewart & Rae, 65, Constitution St. (Plumbers)
Sutherland, J. S., 7, Charlotte Lane (Plasterer)
Tait, A., 48, Charlotte St. (Painter)
Thompson, J. W., 102, Duke Street (Painter)
Thomson, W., [illegible] & 131, Ferry Rd. (Plumber, &c.)
Thyne, J., 122, Duke St. (Mason)
Traill, R., & Co., Vulcan Foundry, Bonnington Rd. (Ironwork)
Ward, H., 90, Coburg St. (Plumber)

LENZIE.

McKenzie, Thomas (Plumber)
[illegible] (Wright)

LERWICK.

Aitken, C. W., Burgh Rd.
Aitken, John M., Commercial Rd.
Angus, James S., Pitt Lane (Joiner)
Clark, John, Pitt Lane (Plumber)
[illegible] Market St. [illegible]
Fordyce, Samuel W., Esplanade (Plumber)
Gair, Wm., Harbour St.
Gray, G., Market St. (Slater)
Halcrow, John, Commercial Rd. [illegible]
Hutchinson, J., Pitt Lane (Joiner)
[illegible] (Painter)
[illegible] St. (Mason)
Murray & Morrison, Commercial Rd.
Nicholson, Wm., Market St. (Joiner)
Sinclair, H., 2, [illegible] Court, Commercial St. (Mason)
Sinclair & Hardie, Commercial St.
Smith, Jas., Market St. (Painter)
Tulloch, Wm., Sandwick (Mason)
Youngclause, J., Market St. and [illegible]

LESLIE.

Dewar & Son
Lowe, James

[illegible]

Birrell, Jas., High St. (Joiner)
[illegible] (Mason)
[illegible]
W[illegible], Links (Masons and Joiners)
Wilkie, Jas., Links (Mason)

LINLITHGOW.

JOHN BROCK,

BUILDER

and

CONTRACTOR,

LINLITHGOW.

Philip, R. & W.
Ritchie, G., 164, High St. (Joiner)

LOANHEAD, S.O.

Kay, W. (Plumber)
Watson, Robert

[illegible]

Johnston, [illegible] House

[illegible]

[illegible], John, [illegible] High St. (Mason & Bricklayer)
[illegible] Bank St. (Plumber)
Henderson, [illegible]

LOCKERBIE.

Lawson, Wm., Livingstone Pl.
Park, John, [illegible] St.
Schooler, John, Townfoot

LYBSTER, Wick.

Sinclair, J. M. (Joiner)

MACDUFF.

Black, G., Duff St. (Carpenter)
[illegible]
[illegible] (Slater)
Massie, G., [illegible] St. (Plasterer)
Morrison, R., Duff St. (Mason)

MARKINCH.

Henderson & Son
Walker, Jas., [illegible]

[illegible]

Boyd, John (Wright)
Hyslop, A., Johnfield Villa

MAXWELLTOWN.

[illegible] & Son, Galloway St. (Painters)
[illegible] & Son, Galloway Street [illegible]
Cowan, Mrs. [illegible], Glasgow Street (Plumber)
[illegible], J., & Son, Howgate St. (Masons and Joiners)
Fergusson, Alex., [illegible] & [illegible], David St. (Joiner)
Hastings, R. C., College St. (Slater)
McKay, Wm., 64, High St. (Plumber)
M[illegible] (Slater)
[illegible], A., Galloway St. (Joiner)
Steel, R., Market Sq. (Plasterer)
Tait, James, 18, David St., and 57, College St. (Mason, &c.)
Warnock, J., Learig Cottage (Mason)
[illegible], Mrs. [illegible] St. (Joiner)

[illegible]

[illegible] (Carpenter)
[illegible], Main St. (Painter)
Foster, John, Barns Rd. (Carpenter)
Gordon, J., Main St. (Slater)
Johnstone, J., Main St. (Slater)
Kerr, J., St. Cuthberts (Plasterer)
[illegible]
[illegible], Main St. (Painter)
Thomson, J., Main St. (Plumber)

MELROSE.

Brown, A.
Jardine, John (Plumber)
Spiers, James

MENSTRIE, R.S.O.

Drummond, D. (Joiner)

METHIL, R.S.O.

Farmer, John (Mason)
Reid, Wm. (Joiner)
Suttie, Robt. (Joiner)

MEY, Thurso.

Banks, G. W. (Joiner)
Sinclair, Geo. (Mason)

[illegible]

Turner, James, Juniper Green

MILLPORT [illegible]

Gillies, Geo. (Joiner)
McDonald, W. (Plumber)

[illegible]

Davidson & Philps
Symon, B.

[illegible]

McMillan, [illegible] & [illegible], Main St. (and Wrights)

[illegible]

Henry, James (Joiner)
Johnston, John, Victoria [illegible] (Plasterer)

MONIAIVE, by THORNHILL

McCulloch, John (Mason, &c.)
McMichael, Samuel (Plumber)

MONIFIETH [illegible]

Bruce, T. G.
Stenhouse, G., Station Rd. (Plumber)

MONTROSE.

[illegible], John, Castle St. (Painter)
[illegible], River St. (Mason)
[illegible] (Mason)
Burness & Son, Murray Lane (Plasterers)
Burrows, J., North St. (Plasterers)
Christie & Smith, Top Mill Rd. (Plumbers)
Clark, Alex., & Son, 33, Bridge St. (Painters and Glaziers)
Craigie, T. & W., Lower [illegible] (Joiners)
Davidson, John, Chapel Rd. (Joiner)
Fettis & Stephen, Lower Hall St. (Joiners)
Ford, J., & Son, George St. (Masons)
Henry, W., & Sons, 69, Mill St. (Joiners)
Hird, T., & Son, 7, [illegible] (Carpenters)
[illegible] & Son [illegible]
Middleton, Alex., George St. (Painter)
Moug, A., 114 & 1[illegible], Murray St. [Plumber]
Raitt, T., George St. [illegible]
Reid & Burnett, 23, George Street (Masons)
Taylor, Alex., 11, Bridge St. (Plumber)
Warden, J. L., 1, Lower Hall St. (Plumber)
Wood, C., & Co., 36 to 40, Baltic St. [Plumbers]

MOTHERWELL.

[illegible] St. (Plumber)
Baird, Robt., Brandon St. (Plumber)
Brown, A., Coussington St. [Joiner]
[illegible]
[illegible]
[illegible] Brandon St. (Masons)
Hunt, [illegible] St. (Mason)

Scotland—*continued.*

Kidd, Walter, Windmillhill St. [Joiner]
Millar, P., Hamilton St [Joiner]
Miller & Ferguson, Union St. [illegible]
[illegible] Ferguson W[illegible] St. Joiners
Park, T. & R., Hamilton St. Masons
Parker, Jas., Brandon St. [Plumber]
[illegible] and Plasterers
Pirie, Alexr., Brandon St [Slater and Plasterer]
Rose, C., Brandon St [Mason]
[illegible] W., Cald[illegible]
[illegible], Jas., Merry St. Slater and Plasterer]
Waddell, Wm., Merry St [Mason]

MUCKHART, Dollar

Younger, S.

MUIR-OF-ORD

Macintosh, A., & Sons
[illegible] & Mackenzie

M[illegible]-BY-PERTH

Duncan, W. & C. [Masons]

MUSSELBURGH

Banks & Son, Inveresk Rd. Masons
Barton, W., & Sons, 71, High St [illegible]
Bissett, R. & Sons, Mill[illegible] Masons
Dickson, Jas. Joiner
Dickson, W. Millhill Joiner)
Henderson, Jas., High St. Plumber
McEwan, A. & P., Grove St. Slaters
Ness, D., High St. Plumber
Williamson, J. Plasterer

NAIRN

Squair, T.

NEW GALLOWAY

Coskerie, John
Garmory, R.
Johnstone, R. Joiner

NEWMILNS

Brown, James, Jameson Ter
Brown, John, Isles St
Grant, J., Main St. Joiner
Mair, J., Kinholme St.
Mitchell, A. & R., Grey St. Joiners
Muir, W., Jameson Ter Bricklayer
Shields, H., Jun., Brown St. (Joiner
Wallace, Moses, Grey St Joiner

NEWPORT-ON-TAY

Betsworth & Barlow Plumbers
Jack, J. S. Plumber
Mackie, David (Mason
Tait, R.

NEWTON STEWART

Agnew, [illegible]

NE[illegible]TYLE

Gray, J., & Son

NORTH BERWICK

Glass, Jas., Marmion Rd Mason
Whitecross, Peter, & Sons

OBAN

Cowan, D. Nursery Rd. Joiner
Gray, Alex. L., Breadalbane St Painter
McC[illegible] & Graham, Glenshellach Terrace
McColl, Neil, Crescent Rd Joiner
McDonald, Wm., Breadalbane St Mason
McDougall, D. & J., Crescent Rd Masons and Joiners
McDougall, J. & A., [illegible], Combie St Joiners
Montgomery, John, Glenshellach [illegible] Mason
Munn, D. & A., Breadalbane St. Joiners
Stevenson, J., Firgrove Villa Mason

[illegible]

Adam, J., & Son, 19, Moss St. Glaziers
Alexander, James, 5, George St. [illegible]
[illegible], 19 Sandh[illegible] (Glazier)
Armour & Wilson, 48, High St [illegible]
Armstrong & McNair, 12 and 13, St. James St. Joiners
[illegible] 5, [illegible] St Mason
Barr & Provan, 11, Johnston Street [illegible]
Ba[illegible] and Rd. and Mason
Barr, Hugh, Espedair St. and Mason
Barr, James, 45 and 46, Causeyside and Mason)
Bell, Daniel, 2, Glen Lane Brickbuilder
Bett, D., 41, Wellmeadow St. Painter and Decorator
Beveridge, John, 7, Seedhill Rd. and Mason
Bow, McLachlan, & Co., Thistle Works Abbotsinch Engineers
Bowie Fisher, & Co., 15, Gilmour St (Painters
Boyd, J., & Sons, Macdowall Street Horticultural Builders and Heating Engineers
Brown, D., 3, Bridge St. Joiner
Bryce, J., & Co., 8, Newtown St (Masons
Bryce, J., & Sons, 10, Hunter St. Joiners
[illegible] County Pl Painter
[illegible] & Keith, 67, Love St Joiners
Cowan & Stewart, 42, High St Painters
Craig, [illegible], Back Sneddon St. [illegible]
Craig, [illegible] St Founders and Engineers
Currie, W., 23, Broomlands Sculptor
Dunlop, J., 11, Incle St. Joiner
Ferguson, Norman, 15, Causeyside (Painter and Glazier
Fleming, J., 5½, North Bridge St Plumber
Forsyth, Alex., 84, George Street Plumber
Fraser John, & [illegible] New Sneddon St. Plasterers
Fullerton, Hodgart & Barclay, Ltd., Vulcan Works, Renfrew Rd Engineers
Galt, J., & Son, Nethercommon Brickbuilders
Gardner, Jas., 1, Wellneuk (Painter
Gillespie, J., & Son, 84, New Sneddon St. Slaters
Gillespie, W., & Son, 82, New Sneddon St (Slaters
Girdwood, R., 28, Broomlands Joiner
Glover, Wm., 19, High St (Plumber)
Haddow & Robinson, 11, Gordon's Lane Masons
Hanna, Donald & Wilson, 23, New Sneddon St. Engineers
Haran, N. O., 29, New St Plumber
Henderson, Geo., 18, Gr[illegible] Road Mason
Herd, John, 4, Cotton St. Plumber
Hillcoat, Gavin, Nethercommon Brickbuilder
Hillcoat, R., West Gockston Brickbuilder
Houston, G. & T., [illegible] Maxwelton St Joiners.
Hunter & Goudie, 90, Canal St Plumbers
Hunter, J. K., 30, Wellmeadow Painter
Hutcheson, W., 11, Glen Lane Plasterer
Hutcheson, D. T., 6, Wellmeadow Plasterer
Kelly, A., 16, Causeyside Plumber
Kerr & Young, 4, Old Sneddon [illegible]
K[illegible] [illegible]ard St Joiner
K[illegible] & [illegible] Builders
Kilpatrick, [illegible] 40, Canal Street Slater

Kirk, Geo. G., 6 and 7, New Smithhills (Painter and Glazier
Kirk, John, 25, Wellmeadow Glazier)
Lang, M., Murray St. Joiner
MacFadyen, A., Colinslee
McGee, W., 14, Well St. Mason
McInnes, J. & W., Clavering St. [illegible]
McKaig, T., Victoria Brickworks Brickbuilder
McLean, C., East Buchanan St.
McNaughton, A., 6, Smith Hills Joiner
Millar, W., 38, Causeyside Street Plasterer
M[illegible] T., 11, Sir Michael Street Plasterer
Moir, Jas., High St. [illegible]
Morrison, J., & Sons, Dyers Wynd Brassfounders
Morton, Robert, 12, Falside Brickbuilder
Murdoch, Thos., 52, Causeyside St Slater
Murray D., & Son, 1, Gilmour St Painters
Osborne, W., 66, Broomlands Painter
Philpot & Watkins, 74, Canal St. Masons
Pollock, Wm., 40, Clark St. Brickbuilder
Primrose, G., Underwood Lane Brickbuilder
Robertson, Archd., 9, Broomlands Plumber
Robertson, G., & Co., 3, County Pl. (Brickbuilders
R[illegible] & Sons, 4, New Sneddon Plumbers
Robin, Wm. & Son, 14, Lady Lane [illegible]
Sandilands, J., 102, Causeyside Painter
Shaw & Stewart, 51, High St. Slaters
Spiers Wm., 45, Glen St Plasterer
Stevenson, Walter, 23, Back Sneddon St. and Joiner
Taylor, W., Arkleston Rd Mason
Thomson, J., 96, High Street Plumber
Ure, M., Laigh Park Mason and [illegible]
Wallace, C., 28, New Smith Hills Slater
Wallace, Connel, & Co., 8, Gilmour St Plumbers
White, Thos., & Sons, Laigh Park Engineers
Wilkie, J., & Sons, 39 High St. Painters
Wilson, R. [illegible] Mason
Wilson, T., & Son, 14, Abbey Close Masons

[illegible]

Tod, W.

[illegible]
[illegible]NHILL

Brown, Thomas (Mason Contractor
Cook, Robert, Ashbank Mason Contractor
Harkness, J. Joiner
McLachlan, W. Slater
Muirhead, A., & Son Joiners

PERTH

Alexander Chas., 100, High Street Glazier
Ballantine, J., 47, Canal St Joiner)
Barker, Geo., Tay Iron Works New Row Millwright
Bell, A., Canal St. Slater
[illegible] New Row Mason
[illegible]ridge, D., York Pl Sculptor
Brand, R., & Son, 1, Charlotte Place Masons
Brown & Duncan, 12, Kinnoull St Masons
Bruce, R. & D., South St Plumbers
Buchan & Crawford, 4, Scott St Bricklayers
Buchan J., King St Slaters
Campbell, D., 16, Strathmore St., [illegible] Plaster
Campbell, Peter, 88, George St. Bellhanger

Chrystal, Geo., Foundry Lane (Ironfounders
Davidson, A., & J., 7, New Row Plumbers
Douglas G. R. [illegible] St Pa[illegible] Glaziers
Douglas, [illegible] Mason
Dow, R., & Son, 50, George St [illegible]
Dow & Macfarlane, Market Street Joiners
Dow, W., 232, High Street
Falconer T. D., High St Joiner
Forgan, T., 31, Scott St. Joiner
Fraser & Morton
Frew, W., & Sons, 6 and 7, Mill St Plumbers
Garrie, D., & Son, 25, South Methven St Coppersmiths
Hay, J. & Son, 5, York Pl [illegible]
[illegible], 53, South St. Smith
[illegible]ine, P., Cherrybank Mason
Jack Jas., 47, Meal Vennel Joiner
Johnston, P., & Sons, 19, Cow Vennel Joiners
Johnston, W., 24, Victoria St Mason
[illegible] Mason
[illegible] 70, Princes [illegible]erers
Leith & Lumsden, 54, Victoria St. Joiners
McFarlane & Co., Paul St. Ironfounders
McGregor, D., 26 to 31, Kinnoull St. Smith
Mackay, J., & Son, 22, Mill St. Plasterers
McLaughlan, H., 117, South St Painter
McLeish, J., 15, Mill St. Plumber
Macon[illegible] Edwd., 209, South St. Glazier
M Quibban, W., 67, Main St. Bridgend Joiner
M[illegible] Lowrie St Bridgend [illegible] and Gasfitter
M[illegible] High St. Mason
M[illegible] High St. (Joiner)
M[illegible] 11, Lowrie St. Mason
Muirhead, G., & Son, 18, Atholl St. Painters
Murray, J. & P., 6, South St. John's Place Plumbers
Nairn, Jas., 11, High St Painter
Pearson, D., & Co., Alexandra St. Masons
Peebles, J., 32, York Place Plasterer
Rae, Andrew, 2, Stormont St. Joiner
Reid, P., 48, Milne St Slater
Robertson, J., 53, South Methven St. Gasfitter
Robertson, J., Junr., 1, York Place Plumber and Gasfitter
Ross, A., Alexandra St Mason
Stalker & Boyd, 27, South Street Painters and Glaziers
[illegible]
[illegible] [illegible]wer St Mason
Stewart & McFarlane, 23, Mill St. Joiners
Strang & McLagan, 18, Mill St. Joiners
Thomson, Jas., Princes St (Sculptor
Thomson, John, 50, South St. Plumber
Watson & Crichton, 2[illegible]1, High St Joiners
Wells & Ewart, 38, New Row Smiths
Westwood & Sons, 21, Princes St. Bellhangers

PITLOCHRY

[illegible]
[illegible]
Frew, Messrs. Plumbers
Macbeth, Jas. Plasterer
McLaren, L. Joiner
Menzies, A. Plumber
Robertson, Chas. Broomhill
Sim, W., Moulin Joiner
Stewart, Jamieson & Forbes
Thomson, Robt. Joiner
Veitch, J. Plasterer

[illegible]

Adamson, J., Charles St. Joiner)

Scotland—*continued.*

Brown, W., Charles St.
Lumsden, W., High St.

POLMONT

Abercrombie, D., Redding Joiner,
Cockburn, W. G., Redding Joiner
Ferguson, J. Plasterer
Johnston, J. Joiner
Scott, W. Joiner,
Walker, W., Redding Joiner

PORT GLASGOW.

Buchanan, Robt., Back Row Lane Joiner
Dunsmore, Robt., Mary St. Joiner
Fyfe, Wm., Newark St. Joiner
Gillespie, N. G., Mary St. Slater
McBride, P. & Co. Bay St. Masons
Macfarlane, P., Dockhead Street [illegible]
Wilson, Alexr., Scarlow St. Mason
Wilson, W., & Son, Princes St. Plumbers,

PRESTON PANS

Cooper, Thomas

QUEENS[illegible]

Cook, W

REDDING, Falkirk

Abercrombie, D. Joiner,
Cockburn, W. G. Joiner
Walker, W. Joiner,

RENTON

Conbrough, J., Main St. Plumber

ROTHESAY

Bone, Robert, 18, Russell St. (Mason
Cruikshanks, J., 89A, High St. Plumber
Cunningham, D., Bridge Street [illegible]
Dewar, D., 89, Montague St. Joiner,
Dods, A., & Son, Bridgend St. Joiners,
Duncan, M., Ladeside St. Plasterer)
Ferguson, L., & Sons Joiners
Hunter, W., Staffa Pl. Mason
Hyndman, Jas. Slater
Jamieson, J. Plasterer,
Kerr, Neil, 7, Bridge St. Mason,
Lauder, W., 34, Columshill St. Joiner
Leckie, W. M. Slater
M'Bride, J., John St. Joiner
Macnab, A. & E., Princes St. Joiners
Macnab, J. Gasfitter
Macnab, T., 15, Montague St. Gasfitter,
McCallum, J., & Son, 50, High St. Joiners,
McCord, J., Stewart Villa, Barone Rd. Mason,
McKinnon, Jas., [illegible] Montague St. Plasterer)
McQuiston, Jas., Plasterer
McTavish, Edwd. Gasfitter, &c.)
Miller, J., & Sons Slaters,
Murray, D. C. Painter
Paterson, J. Slater,
Peacock, A. R., 23, High St. (Plumber
Shand, Jos. Painter
Smith, J., 13, Bishop St. (Joiner,
Stark, John, Painter,
Stewart, W. & J., 22, West Princes St. Painters
Walker, A., Mill St., Blacksmith and Engineer)

RUTHERGLEN

Bar, J., Queen St. Slater
Boyd, J., 157, King St. Slater)
Edmiston, A., Queen St. Wright
Fleming, A., Main St. (Smith and Ornamental Iron Worker
Law, J., 8, Farmeloan Rd. Plumber and Gasfitter
Love, J., Cathcart Hill Mason
Mitchell, W., 48, Chapel St. Joiner
Park, J., & Son, 32, Harriet St. Masons
Smith & Riddell, 56, Wardlawhill St.
Stevenson, J., Wardlawhill
Stewart, Archd., 5, Regent St. Plumber and Gasfitter,

Warnocks & Horsburgh 71, Fane St. Masons, &c.,

ST ANDREWS

Auchterlonie, D., & Son, 9, Union St. Plumbers,
Bett, W. E., 158, South St. Joiner)
Carstairs, A. & J., Bridge St. Masons
Cunningham, A., Greenside Place Joiner
Farquharson, J., 116, Market St. (Plumber,
Grieg, Wm., South St. Slater)
Harris, T., & Son, Kinnes Park Joiners)
Hunt, J., 81, Market St. Plumber,
Hay, J. & C., Rathelpie (Masons,
Law, H., 45, and 102, South St. Joiner,
Liddell, Thos., 116, North St. Mason
Linder, L., Rathelpie Bricklayer,
McKenzie, R., 1, Abbey Court Joiner
McPherson, A., 99, North St. [illegible]
Morris, J. M. Market St. Plumber
Ness, W., 2, Murray Park Mason
Paterson, Wm., Market St. Slater)
Peebles, Thos., South St. Plumber)
Rentoul & Mackie, College St. Slater,
Scott, A., 162, South St. Plasterer
Swan, T., Church Sq. Joiner
Turpie, A., 57, South St. Plumber
Walker, P., 115, North St. Mason,

SALTCOATS

Caldwell, R.
[illegible], T
Mil[illegible], J., 89, Raise St.
Young, J

SANDAY, Orkney Islands.

Brown, David Mason

SCALLOWAY

Georgeson, M
Russell, A. Joiner

SELKIRK

Grieve, A., The Glebe
Hall, T., High St.
Inglis & Dickson, Forest Rd.
Linton, W., The Glebe
Robertson, G., Wright
Smith, G., Forest Ter. Mason,
Smith, J., & Sons, Scott's Pl.

S[illegible]

Oswald, Wm. W

STEVENSTON.

Thomson, H.

STIRLING.

Bannigan & Fotheringham, 98, St. Mary's Wynd
Barker, Daniel, Forth Street (Stair Railer
Brown, R., Murray Pl. (Painter
Cairns, W., Murray Pl. Joiner
Carson & Sons (Painters,
Chisholm, G., & Son, The Craigs Plumbers
Crichton, W. G., Port St. (Glazier
Currie, J., 16, Dumbarton Rd. Joiner,
Davidson, A., Baker St. Smith)
Donaldson, John Dumbarton Rd. (Joiner)
Duff, J. & J., Dumbarton Rd. Plumbers
Foster, R., Thistle St. Plasterer
Frater, R., 78, Port St. Plumber,
Gentles, J. & W., Barnton Place Slaters
Gibson & Reddie, Port St. (Plumbers)
Gourlay, W., Forth Crescent
Govan, Joseph, Barnton St.
Hardie, J. & R., The Craigs Plumbers)
Headridge, A. & D., Causewayhead
Headridge, J., Causewayhead
Johnston, Adam, The Arcade Painter,
Kemp, A., Maywell Place Joiner,

Lamb & Hastie, Port St. Painters
Lamb & Simpson, Murray Place Joiner
Lockhart & McNab, 38, Craigs Bel[illegible]
McDougall, W., & Son, George St. [illegible]
McGregor & Son, George St. Slaters
McNab, T., Friars St. Joiner)
McPherson, W., 19, Barnton St. Joiner,
Merrilees, J., King St., Plumber
Miller, R., 62, Upper Craigs (Smith
Miller, W., & Son, Park Lane Smith)
Milne, Wm., The Craigs Slater
Morrison, Wm., Dumbarton Rd. (Joiner
Nicol, James, Barnton St. Joiner
Oswald, Andrew, Spittal St. Slater
Owen, G., "Craigs" Smith
Reynolds & McCie, St. Ninian's
Ronald, J., 7, Allan Park
Scott, John, St. Ninian's (Plumber
Short & Fairfull, Port St. Joiners
Smith, Robt., Murray Pl. Joiner)
Springall, W. J., George St. Brick[illegible]
Steel, J., Murray Pl. (Plumber
Thomson, W., Spittal St. Plumber
Walls, A., Thistle St. Plasterer
Walls, John, Friar St. (Painter,

STRANRAER

Forsyth, J., Lochryan Pl. (Slater,
Gordon, J., Bowling Green Rd.
Hamilton, Jas. Hanover St. (Joiner)
Johnston, W., Violet Bank
McLauchlan, H., 36 & 38, Charlotte St. Plumber
McLauchlan, J., Dalrymple St. Joiner
McQuaker, W., Barrhill
Mercer, Thos., 83 and 85, George St. Plumber
Purdie, D., Victoria Pl. Mason
Sloss, A., Dalrymple St. Joiner
Steven & Nish, Sun St.
Train, D., Queen St. Plumber,

STRATHAVEN, R.S.O.

Baxter, John, Commercial Rd. Joiner
Steel, Thos (Plasterer)

STRATHKINNESS BY-ST. ANDREWS.

Malcolm & Scollay (Masons)
Thom, D. Joiner

STRATHMIGLO

Haggard, Robert
Lister, D., & Son

STRATHPEFFER

Harrow, David, Rosslyn Lodge (Mason
M[illegible] Donald, Windsor Lodge Carpenter
Ross, David, Brookside (Carpenter

STROMNESS (ORKNEY ISLANDS)

Baikie, Saml., Junr., Saw Mills, North End Rds.
Driver, Jas., John St.
Guthrie, A., North End (Joiner
Ha[illegible], A., Junr., Victoria Street [illegible]
Robertson, W., Victoria St. Mason)

STRONE, S.O.

McElvie, Thos. Mason,

STRONSAY (ORKNEY ISLANDS)

Chalmers, J. M., & Son, Sandy Banks

SWINTON-BY-DUNS.

Smeaton & Cook

TAIN

Fraser, W. Geames St.
Mackenzie, H., Station Rd.
Mackintosh, J. Manse St.

Macrae & Sons, Hartfield St.
Matheson, J., Chapel Rd.
Munro, J., Cadboll Pl.
Nicholl & Son, Shandwick St.
Ross, D., & Co., Stafford St.
[illegible]
Ross, H. A., High St.
Urquhart, W., 4, Laington St. (Painter)
Urquhart & Mackay, High St.

TARBET.

Carmichael Bros.

TAYPORT

Dowie, W., Ogilvie St. Joiner,
Kemp, Wm., Castle Ter. Mason
McRae, J., & Son Plumbers
Pearson, John, Castle St. Joiner)
Pillans, W. M., Castle St. (Plumber)
Robertson, D., Castle St. (Mason)
Welsh, W., Mill Pl. Joiner,

THORNHILL.

Black, J. & A., Newton Quarry Mason)
Cook, J. (Mason)
Drummond, P., North Drumlanrig St. Plumber)
Glendinning, A., North Drumlanrig St. (Painter, &c.
Kirkpatrick, R., Closeburn Village (Joiner
Waugh & Nish, 143, North Drumlanrig St. Plasterers,

THORNLIEBANK

Cameron & Dalglish

THURSO.

Bain, John, George St. (Mason)
Bain, P., George St. Mason,
Campbell, Donald, Sir John's St. Mason
Doull, Donald, Bridge End (Plumber)
Durran, G., & Son, Saw Mills, Sinclair St. Joiners
Innes, A., Oust-by-Thurso Joiner,
Mercer, James, Duncan St. (Plumber
Oag, Hugh, Ulbster Pl. (Plasterer)
Reid, James, Janet St. Slater
Swanson, W., George St. (Joiner
Swanson, Wm., Cowgate Mason

TIGHNABRUAICH

McKellar, J.

TILLICOULTRY

Keir, R. Joiner,
Kirkland, W. Joiner,
Philp, Jas. Mason

[illegible]ALL SHETLAND ISLANDS

Irvine, J. (Mason

TOBERMORY, R.S.O.

Fletcher, Donald

TRANENT

Dickson, W., High St. Joiner
Hood, James Slater
Hood, John, High St. Slater and Plasterer,
McWalter, T., High St. Joiner
Templeton, D., High St. Plumber,
Wilson, A., High St. (Mason,

TROON

McSkimming, A., & Son, Academy St. Plasterer
Walker, David, Portland St. (Plumber
Young, Wm., St. Meddans Rd.

TURRIFF

Brady, Square Painter)
Christie, P., & Son, Church St. Masons
Duguid, W., Clifton Rd. Mason,
Duthie, C., Square Plumber,
Fordyce, A., & Sons, Church St. Masons

Scotland—*continued.*

Fowlie, W., Clifton Rd Carpenter
Gammack, J., & Co., Chapel St Slaters
Gibson, J., Chapel St Plasterer
Gillespie, J., Low Hall Slater
Ingham, A., Square Painter
Massie, A., Gladstone Ter Mason
Melvin, S, Schoolhill Plumber
Paterson, J., & Son, Chapel St. Masons
Ross, A., Market St. Plasterer
Skene & Booth, Main St.
[illegible]non, W., Fife St. Carpenter
Watson, J. D., High St. Painter

[illegible]LINGSTON

Barr, W., Old Mill Rd
Mackie, W. Slater
Miller, W.
Morton, J. Mason
Walker, W., Main St.

UPHALL, S.O

M'Knight, John, & Co.

WEISDALE, [illegible]

Hunter, Jas. Post Office
Robertson, Robt., Setter

WEST CALDER, R.S.O

Fairley, W., & Sons
Mitchell, A. & Sons
Robertson, Robt. Plumber
Wilson & Wallace

WEST KILBRIDE, R.S.O.

Tyre & Donaldson Masons

WESTRAY KIRKWALL

[illegible]
Reid Charles

Reid, David
Reid, John

WHITHORN

McKeand, W. Main St.

WICK

Angus, Jas., Alexandra Pl., Joiner
Bower, G., Bridge St. Painter
[illegible] & [illegible] Murray St
[illegible] Plumbers
Dunbar, P. & A., Victoria Pl.
Hood, J. & Son, Station Rd Sculptors
Johnston, W. & Son, Parliament Sq [illegible]
M[illegible] George, McRae St., Pulteney Town Joiner
Millar, J. & W., Thurso Rd Joiners

Scotland [illegible]

Miller, D., Breadalbane Crescent, Pulteney Town
Munro, A., & Son Cemetery Rd. [illegible]
Munro, T., 4, Francis St., Pulteney Town Mason
Parker, E. W., Bridge St. Painter
Simpson, J. Dempster St., Pulteney Town [illegible]
Sinclair, A., Barr[illegible] St., Pulteney Town Plasterer
Smith, J., Dempster St., Pulteney Town Plasterer
Tait, J., & Reid, Eastbanks, Pulteney Town

[illegible]

Thomson, J., Stewarton St.

WOODSIDE

Jamieson, G., Barron St.

4. Wales.

ABERAVON

Cox, Morgan
Davies, John, Steam Saw Mills
Rees, J. & S[illegible]

[illegible]

J[illegible], D., Glan Rd
[illegible], Cemetery Rd., Trecynon
Jones, J., 22, Wind St
Morgan, J., 53, Monk St
Thomas, M., 43, Cardiff St.
Thomas, W., 81, Cemetery Rd

ABERD[illegible]

Hughes, W. J.

ABERKENFIG

Matthews, Evan, Bridgend Rd.

ABERYSTWITH.

Edwards, W., Moor St
Evans, Ed., 15, Baker St
Evans, John, 13, Thespian St.
Hopkins, T., Grays Inn Lane
Lloyd, D., Penglais Rd
Owen Bros., Northgate St
Williams, R., New St.

AMLWCH, Anglesey

Thomas, Owen

AMMANFORD, R.S.O.

Griffiths, Thos., Bettws
Jones Bros.
Thomas, D., Pantyffynon

BAGILLT, Holywell

Jones, Richard

BALA

Jones, R. L., Mount Pl
Roberts, R., & Son, 39, Tremaran

BANGOR

Daniel, W. O., The Crescent, Upper Bangor
Edwards, Thos., High St. Painter
Jones & Williams, Hirael
Jones, Myrddin, High St. Painter
Jones, Philip E., High St. Plumber, &c.
Jones, W., 16, Mount St.
Lloyd, Jos., Waterloo St. Plumber,
Marshall, Thomas, 10, William St. Plumber
[illegible], 4, Castle Hill, High St. Painter
Parry, W., 64, Caellepa
Roberts, J., Upper Bangor
Roberts, R., Caellepa (Plasterer
Thomas, John, High St. Painter
Williams, R. & T., 8, Princes Rd Upper Bangor
Williams, R., Victoria Pl
Williams, Thos., High St. Painter

BARGOED, near Cardiff

Edwards, D.
Owens, [illegible]
Williams, [illegible]

BARMOUTH

Adams & Evans Joiners
Bishop, T. R.
Griffith, Thos., Tany[illegible] Mason
Jones & Williams M[illegible]
Jones, Evan, Porkington [illegible] Painter and Glazier
Minshall & Co. Plumbers
Morgan, J. Plasterer
Owen, O., Marine Ter
Pugh & Williams [illegible]
Roberts, Owen Painter & Glazier
Roberts, Richd. Joiner
Williams, R. Plasterer

BARRY Cardiff

Money, J., Park Crescent
Richards, E. F., & Co., The Parade, Barry Dock
Rotter, G., York Pl
Small, F. Harbour Rd.

BEGELLY, R.S.O.

Waters, G., Thomas Chapel

BEAUMARIS

Jones, W. R., Castle St.

BLAENAU FESTINIOG

Owen, [illegible] R.
Owen W. S.
Pugh, John, Lord St.
Roberts, Griffith, Dorvil St.
Thomas, Wm. [illegible] and Joiner

[illegible]AENGARW

Pass, [illegible]

BORTH, R.S.O., near Portmadoc

Humphreys, Evan
Jones, E., The Baths
Williams, T. E., Penybout
Williams, Wm., Morland House

BOW STREET

Hamer, Daniel

BRECON

Griffiths, T. Mount St.
Hay, G., The Watton Monumental Sculptor
Jenkins, B., The Watton
Morgan, T. E., The Watton
Phillips, F., & Son, The Watton
Watkins & Sons, Bridge St., Llanfaes Monumental Sculptor
Williams, J., Orchard St

BRIDGEND

Francis, W., "Fair Lawn," Coity Rd.

Gaylard, P. Coit[illegible]
Hurley, Job, Felinfach Joinery Works
Jenkins, J. Brackla St
Jenkins, Richd., Brackla St
Jenkins, Thos. Ewenny Rd
Llewellyn, D., Nolton St
McGaul, Wm., Quarella, near
Morgan, J. W., New Castle
Morris & Sutcliffe, Mackworth St.
Preece, [illegible]
Preece, [illegible]
Thomas, W[illegible]

BRITON FERRY.

Gower Bros., Grandison St

BROUGHTON, Wrexham

Moss, S.
Williams & We[illegible]erley

BUCKLEY, Chester.

Davies, Robert, Main St
Williams, John, & Son Lane End

BUILTH WELLS

Jones, J. M. Pendre
Jones, T., Bryntirion
[illegible] House, West St
Price, J., Castle St

BURRY PORT

Beynon, Thos., Springfield Pl
Edwards, J. & H., Pembrey Village
Evans, D., & Sons
Evans, Hugh, Rhos Cottage
Griffiths, D. Pembrey Village
Howell & Williams
James, D., Field House
James, D., & Co
[illegible]ohn
Lewis, Thos., New St
Maliphant, Hy., Pembrey
Morgan, Wm., Pembrey
Reynolds, G., West End
Williams & Lewis
Williams, W. T., New St.

[illegible]DOXTON

Grey, H.
[illegible]

CAERPHILLY, Cardiff

Rossiter, Thomas, Bank Ter

[illegible]

Evans, John, The Green

CAERWYS Holywell.

Hughes, H. B., Water St.

CARDIFF

Allan, J., St. Peter St., Roath
Anderson, M. & W., 9, Christiana St
Batt, [illegible] H[illegible] St., Canton
[illegible]

Beer, J. F. & Sons, 63, Angus Roath
[illegible]ght, J., 38, Moy St., Roath
Bowers, W., & Co., 1, North Edward St
Cadwallader & Hockridge, Moy Rd Roath
Coles, John, 301, Cowbridge Rd.,
Copp, W. R., 7, Richards Terrace, Roath
Cottrell, W. H., Blanche Street, Broadway, Roath
Couzens, G. & F., 14, Tudor Rd.
Cowley, J., 69, Splott Rd
Cox & Pardo, 13, Bedford Street and North Luton Place
Cox, Wm. 14, Vere St., Roath
[illegible]
[illegible]
[illegible] S., Donald St., Roath
[illegible] 61, Crwys Rd
Day, R., 30, Mount Stuart Sq
Denham, R., Spring Gardens Place, Beresford R[illegible]
Dunn, C. E., 307, Cowbridge Rd
Dunn, Wm., 309, Cowbridge Rd
Elliot, J., 18, St. Andrew's Crescent, Roath
Evans, E. R., & Bros., May Rd.
Evans, Griffith, 7, St. Peter's St., Roath
Evans, Stephen, 41, The Walk, Roath
Evans, Thomas 23, Dumfries Place
Geen, W. Linden, Pen-y-lan
Gibbon, H., 18[illegible], Richmond Rd
Gibson, J., 11, Old Quay St.
Gough Bros. [illegible]
Griffiths, G. [illegible] New[illegible]
Griffiths, G., Kings Rd., Canton
Griffith, J., Working St
Haines, J. E., 109, Cowbridge Rd
Hallett, G., 43, Partridge Rd
Handford, G. & Co., 94, Alfred St., Roath
Hatherly, E. T., 40, Ruskin St
Haywood, G., Hinton Street, Splottlands
Hodgkinson, G. H., 188, Castle Rd., Roath
Hopkins, J., 92, Newport Rd.
H[illegible] J., & Co., 5, Queen St.
[illegible], Lochaber St., Roath
Jones & Thornley, Caledonian Chambers St. M[illegible] St
Jones Bros., [illegible] St
Knill, Arthur, [illegible], Planet St., Roath
Kn[illegible], Bangor St., Roath
Luttey & Co., 8, Working Street
Lewis, A., 266, Newport Road
Lewis, J., Spital Sq.
Lewis, S., Claude Rd
Lock, F. S., 21, Treharris Ter
Marsh & Wilde, Grangetown
Merritt, R., Conybear Rd., Canton
Mildon, S., 208, Clive St., Grangetown
Morgan, W. G., Moy Rd. Roath
[illegible]

Wales—*continued.*

Picton, W., Pembroke Rd., Saw [illegible]
P[illegible] & M[illegible], Roath Park
Price, [illegible], Tredegar Ter.
[illegible], J., 207, Castle Rd
Parmen, Oliver, The Walk
Richards, E. F. & Co., Wordsworth St
[illegible] Rd
[illegible], 13, [illegible] Rd, Cathays
[illegible], 1[illegible] [illegible] St., [illegible]
Roper, G., Claude Rd.
[illegible], 11, Hamilton St., [illegible]
Shepton, S., & Son, 15, Sandon St.
Shepton, S., 2, Dumfries P.
Shepton, C. & Son, Crofts St., Roath
Smith, R., 44, Oakfield St., Roath
Strudan, J., East Bute Dock
Symonds, W. & Co., 16, Rectory Rd, Canton
Thomas & James, 21, Craddock St.
Thomas, [illegible] Charles St
Thomas, W., Moy Road, Roath
Thomas, W., & Co., West Bute Dock
Turner, E., & Sons, Penarth Rd.
Upham, R., Holmesdale St.
Venning, J. H., 112, Donald St.
Watkins, W. H., 164, Broadway, [illegible]
Wells, C., Wellfield Rd., Roath
Wilde & Allan, Ringerang St., Roath
Williams & Hoare, Castle Rd.
Williams & Thomas, Flora St.

CARDIGAN.

Evans, John, Bryn Tivy
Jenkins, D., & Sons, Pendre
Williams, J., & Son, Llangoedmor

CARMARTHEN.

Davies, H., Elliston Ter.
Davies, Rees, 100, Lammas St.
Davies, W., Union St.
Evans, W., Fishpond Ter
Jones, D., 4, Fishpond Ter.
Jones, Joseph, Union St.
Jones, Thos., Union St.
Morris, T., 7, Water St.
Thomas, James, & Son, Talog Rd.

CARNARVON.

Edwards, Robt., Garnon St. Painter and Plumber
Ethall, J., 6, Turkey Shore
Gregory, G., & J. P., Greengate St. [illegible]
Hughes, H., Pool St.
Hughes, J., Uxbridge Sq
Jones, G., & Son, Pool St.
Morgan, Richd., New St. (Painter, &c.)
Morris, Owen, Constantine Terrace
Parry, E., 28, Segontium Ter
Roberts, Hugh, Pool St. (Painter & Decorator)
Roberts, J., & O. T., New St. (Painters, Plumbers, &c.)
Roberts, J., 14, Hill St.
Rowlands, John, Pool Lane Painter, Plumber, &c
White, A., Pool Hill Plumber
Williams, D., & Son, Turkey Shore
Williams, [illegible], Llyn-y-[illegible]
Williams, R. R., Bank Quay
Williams, W. O., Bridge St. (Painter and Plumber)

CENARTH, NEWCASTLE EMLYN

Morgans, John

CEWMCOY, NEWCASTLE

EMLYN

Jones, Owen
Lewis, Thomas

CLWTYBONT, Carnarvon.

Williams, W. H., Llanddeiniolen

COLWYN.

Evans, Robt.
Jones, W. P., Rhianva
Vaughan, J., Chapel St.

[illegible]

[illegible], [illegible] Ho., Abergele Rd
[illegible]-Jones, J., York [illegible]
Davies & Jones, Hope Bank, Woodlands
Evans, Edwd., Waterloo Ho., Abergele Rd
Foulkes, E., "Olinda," Llewellyn Rd.
Horobin, [illegible], Sussex House
[illegible], Thos., Hirwaen Ho., Abergele Rd
Jones, T., Harland House, Rhiw Rd
Lloyd, O., Pendorlan
Madren, F., Plas Madgwyn
Mason, James, Drayton Villa
Parry, Thos., Llys Aled
Roberts, J., Fern Bank
Roberts, John, Tan-y-rallt-uchaf
Williams, Thos., Park Rd.

CONNAH'S QUAY.

Reney, T. J., Steam Joinery Works

CONWAY

Hughes & Jones, The Wharf
Parry, Moses, Tynewydd, near
Roberts, Edward
Roberts, R.
Williams, M. & J., High St.

COWBRIDGE.

Hopkin, John
James, W. A., Stafford House

CRAIG-Y-DON, Llandudno.

Hughes, Jos., & Son
Roberts, R. L.

CRICCIETH.

Evans, D., Railway Ter.
Evans, W. G., Marine Crescent
Humphrey, H., Elton Place
Jones, L., Prince of Wales' Hotel
Jones, Evan, Gaerwen House
Parry, O., Railway Inn
Roberts, R., Llys Caradoc
Thomas, H.
Williams, David Morris, Cefn[illegible]

CWMPARC, Treorchy R.S.O.

Jones, Edwd.

[illegible], R.S.O., Porth.

Lloyd, D.
Williams, John, High St.

CYNWIYD.

Willnow, T.

DAFEN, LLANELLY.

Banks, J., Bryngwyn Bach Rd.

DENBIGH.

Bartley, Thos.
Jones, I., Druid Inn
Roberts, [illegible] S., Plough Inn
Wheeler, W., 35, Love Lane

DOLE, Llanfihangel, R.S.O.

Jones, Thos.

DOLGELLY.

Edwards, R., Springfield St
Evans, Hugh, Arran View Plumber and Glazier

Jones & Smith, Springfield Lane Masons
Lloyd, [illegible], Bryn House
Owen, H., Old Brown Horse
Owen, W. & J., Felin Isa
Parry, H., Springfield Lane (Slater and Plasterer
Thomas, J., Arran Villa, Mason,
Williams & Jones, Vronwinon Cottage [illegible] Plasterer
Williams & Roberts, [illegible] St. Masons
Williams, J., Arran Ter
Williams, J., Wesley House (Slater and Plasterer)

[illegible]

Jones, John, Red Lion

DYFFRYN.

Thomas, D., Dolgun

FELINFOEL, Llanelly.

Davies, D.
Davies, Isaac
Peregrine, D.

FERNDALE, PONTYPRIDD.

Morris, Morris, North St.

FISHGUARD.

George, F., High St.

FLINT.

Lloyd, Alfred B., Halkyn St.
Lloyd, John, Corporation St
Rogers, M. S., Halkyn St.
Williams, Roger, Chapel St.

GARTH.

Davies, I., Oakfield, Llanafan
Williams, E.

GLYN GARTH.

Owen, David, Post Office

GORSLAS, LLANDEBIE, R.S.O.

Walters, Mainwaring & Powell

GRESFORD, S.O., WREXHAM

Tilston, J.

GROESLON, CARNARVON.

Jones, Evan, Plas-y-Dolydd

HARLECH.

Evans, R.

HAVERFORDWEST.

Codd, C., Quay St.
Davies, T., & Son, Bridge St.
James, J., [illegible] St
[illegible]
[illegible]
Lloyd, J., Mariners' Sq
Morgan, John, & Son, Prendergast
Mumford, R., Dew St.
Reynolds, A. E., Bridge St.
Roberts, W., St. Martin's Pl.
Thomas, C. H., St. Thomas Green
Thomas, Levi, Dew St.
Thomas, Wm., Bridge St
Williams Bros., Merlins Bridge

HAY, R.S.O.

Powell, E., London House
Price, J., Red Lion St.
Price, T., Brook House
Webb, Jas., Blue Boar Inn

HOLYHEAD

Roberts, Wm., Bryn Seiriol
Williams, W., Kingsland Saw Mill
Williams, W., Valley

HOLYWELL

Hughes & Son, Brynford St.

[illegible]

Pollard, [illegible] A.

KNIGHTON.

Cadwallader, Wm., Victoria Rd
Weale, Wm., Kinsley Rd

LLANAFAN, nr. Aberystwyth.

Jones, [illegible]

[illegible]

[illegible], H.

LLANBEDR, R.S.O.

Parry & Thomas and James

LLANBERIS, Carnarvon.

Davies, Moses (Painter, &c.)
Roberts, John (Painter, etc.)

LLANDAFF.

Clarke, W., Sculptor
Cox, W., High St

LLANDDANIEL, ANGLESEY.

Parry, Griffith

LLANDEBIE, R.S.O.

Jones, Daniel, Gorsgoch

LLANDILO

Evans, D., 20, New Rd
Jones, D. H., Gladys Villa, Alan Rd.
Thomas Bros., Saw Mills
Thomas & Stephens, Thomas St.

LLANDINAM

Woolley, Edward

LLANDRILLO

Hughes, J. R., Bryn Defaid

LLANDRINDOD WELLS.

Davies, R. E., 2, Park Ter
Hurst, J.
Milward, Hy., & Sons, Middleton St.
Morris, E. P., Spa Rd

LLANDUDNO.

Conway, R., 110, Mostyn St
Dewar, J., Back Madoc St.
Griffiths, Owen, Tudno St
Hughes, E., Bodhyfryd Walks
Jones, T., Reform St. and 4, South Parade
Jones & Owen, Back Madoc St.
Jones & Payne, Vaughan St.
Jones, Wm., Llwynon Plasterer
Owen, T. & J., Abbey Rd
Pearson, W., "Ferndale," Trinity Sq.
Pritchard, Hy., Back Madoc St
Pritchard, W., Warehouse St. (Plasterer)
Roberts, G., Vaughan St. (Mason and Carver)
Roberts, J. & S., Lloyd St (Plumbers and Painters
Thomas, Owen, Back Mostyn St.
Thorp, Ed., & Son, Breton Works, Lloyd St.
Williams, R., & Sons, Back Madoc St

LLANDUDNO JUNCTION, Conway.

Parry, S., & Sons

LLANDYSSIL, Pontwelly.

Davies, D. B.
Mathias, Thos., Pentrecourt

[illegible]

Bassett, W., 2, Coldstream St.
Brown, Thomas & Johns, Llanelly Joinery Works

Wales—*continued.*

Davies Bros., Lakefield Rd.
Davies, G., Pemberton St.
Davies, J., 17, Union Row, Swansea Rd
Edwards, D., Marble Hall Rd.
Evans, J , Erw Joinery Works
Griffiths, W , Inkerman St.
Hopkins, D , Myrtle Terrace
Hopkins, Wm., & Son 26 Coldstream St.
Howell, B., & Son, Ltd , New Dock
Hughes, A., Inkerman St.
Hughes, T., Richard St
Jones Isaac, Pottery Rd
Jones, T P , Llangathen Yard
Lewis, John, & Son 4, Woodend Rd.
Mainwaring, Walters & Powell Cross Hands
Mercer, G , New Rd
Michael, Wm , Myrtle Terrace
Peregrine, Rees, Cross Hands
Smith, W , Nelson Terrace
Thomas, D , Marble Hall Rd.
Thomas, J., West House Goring Rd
Thomas, John, 5, Zion Place
Th[illegible] Samuel, Gilbert Rd
Will[illegible] & Evans, Robinson St

LL[illegible]NFAIR, PWLL [illegible] R.S.O. (ANGLESEY).

Pritchard, W & O.

LLANFAIRFECHAN

Davies D , Upper Mill
Humphreys, E Gadlys
Jones, E , Bonarth House
Williams, R., Glan-y-don

LLANGADOCK

Price, D. L , Red Lion Hotel

[illegible] KIDWELLY

Richards, E. [illegible] Son

[illegible]

Evans & Morris, Dee Side Building Yard
Evans, E
Roberts, Isaac, & Son
Roberts, M
Roylands, —

LLANGORSE, Tal[illegible]rth, R.S.O.

Williams, W

LLANGR[illegible]NOG, Llandyssil

Jones, Thos , Pontgarreg

LLANIDLOES

Breeze, J , Hafren St
Brown & Son, Great Oak St.

LLANLLYFNI

Williams, Hugh

LLANRHAIADR, Denbigh.

Wynne, J

[illegible]NRHOS, LLANDUDNO.

Toft, W

LLANRWST

Jones, J R
Parry, S , & Sons, Inigo House

LLANTRISANT

Cooksley Chas., New Mill

[illegible] WIT MAJOR

Davies, E

[illegible]

Jones, D Menai View
Jones, Richard, Twrog Saw Mills
Williams, Hugh, Llhullyfin (and Mason

LLANYBYTHER, R.S.O.

Evans, [illegible]
Evans, John

L[illegible] HOP

Phillips, Wm , Cawsgarw
Thomas, D., Yew Bank Place.

MACHYNLLETH

Rees, Richard, Maengwyn St.
Williams, J. O.

MAESTEG, BRIDGEND.

Evans, E.
[illegible]

MENAI BRIDGE

Edwards [illegible]
H[illegible]
Jones [illegible]
Owen, Richard, 1, Bro-dawel Ter
Parry, Ewan, Beaumaris Rd
Thomas, B , Slate Works

MERTHYR TYDFIL

Davies, L., 77 and 78, Pontmorlais
Hawkins, S , Westbourne Place
Jenkins, J., Steam Saw Mills, Canal Wharf
Jones, Evan, 33, Walter St., Dowlais
Jones, J., Glanynant House, Glebeland St.
Jones, F John, 18, New Castle St
Lloyd, R., High St., Cefn-Coed
Lumley, E., Castle St.
Protheroe, S , Bolgoed Pl.
Rees, T , Steam Saw Mills, Merthyr Vale
Williams, John, 4, Castle St
Williams, J , 3, 4, Edward St.

MILFORD HAVEN

Barrar & Rees, Rhosmarket
Cole, G , & Sons, Robert St.
Cole, R , Mount Pleasant
Davis, O., Robert St.
Payne, Chas., St. Anne's Rd Hakin
Phelps & Owens, Charles St
Williams, J., Priory Rd

MOLD

Edwards, R., High St. and Joiner
Foulks, Thos., 87, High St
Parry, T , & Co., Chester St.
Probert, E. O , Hope
Roberts, Richard, 64, New St.
Roberts, Thos., New St. (and Joiner)

MORFA NEVIN

Jones, G , Pearhos

MORRISTON

Walters & Johns

MOUNTAIN ASH.

Davies, Thos., Wooland St.
Edmunds, M , Mountain Ash Inn
Harris, David, Darran Rd
Lewis, John, Aberffrwd
Morris, Thos , Oxford St

MUMBLES

Beer, E.
Clement, D.
Morriston, I

NANTELWYD, Ruthin

Hughes, John

NANTGLYN, near Denbigh

Evans, I , Peh-y-waen

NARBERTH

Brown, D , St. James St
Cole, Owen, Nidyfield
Edwards, A., St. James St.
Hitchings, Taverospite
James, A., Kitlig
Lewis, John, Church St
Lloyd & Bros., Spring Gardens
Rees, D., Templeton
Rees, J., & Sons, Lan Mills
Williams, John, Joinery Works

NEATH

Baster, G., Windsor Rd
David, Henry, & Sons, Skewen, near
George, A., Windsor Road Building Works
Harris, C , Castle St.
Herbert, James, Resolven
Howells, J , Windsor Ter
Howell, Wm , Skewen, near
Lloyd & Evans
Mills, J , Windsor Rd
Palmer, G , Windsor Rd.
Parry, D., The Parade
Rees, W. E., London Rd , & Windsor Rd.
Richards, Thos , Osborne St.
Snow, J , Melincrythan
Thomas, R., Windsor Rd

NEWBRIDGE-ON-WYE.

Meredith, A , Wyvern

NEWCASTLE EMLYN

Howells, Griffiths
Jones, David, Graig Villa
Jones, James, Pentre Farm
Morris, B., Adpar Hill
Thomas, John

NEWTON, Mumbles

Lucas, T

NEWTOWN.

Davies, E., & Son, Newton Saw Mills
Manuel, J , Market St
Morris & Sons, Wesley St
Phillips, E. C , Llanfair Rd
Swain, J W., Park St.
Williams, J , Kerry Rd

NEW TREDEGAR, Cardiff

Williams & Son

[illegible]

Cole, R. G , Cambrian Ter.
Davies, Levi, High St

OLD COLWYN

Evans, R , Church Walks

OVERTON, near Ruabon

Holt, R. (Plumber, &c.

PANDY

Parry, T

PEMBROKE

Brown, I., Mansel St., Orange Gdns.
Davies & Morgan, The Green

PEMBROKE DOCK

Allen, J , Water St
Evans, E., Water St.
John, D., 37, Meyrick St. South
McAlpin, K. C. E., Front St
Morris, A., 1, Law St
Scourfield, J , Military Rd , Pennar
Thomas & Rodgers King William St.
Thomas, D , Lewis St
Thomas, J. R , Queen St. East

PENARTH

Bevan, T., 10, Albert Rd.
Brice, R., Gardinia House, Victoria Rd
Escott & Ford, Windsor Rd.
Hancock, R. J., Stanwell Rd
Harris, W. H , St. Augustine's Pl.
Jones, J , 19, Station Rd
Morris, W. L., Stanwell Rd
Pickford & Sons, 11, Bromfield Pl
Price, D. G , Hickman Rd
Purnell Leonard, Plymouth Rd.
Shepton, J S., Station Rd
Speed, F , Plymouth Rd
Tape, M. H., Windsor Rd
Thorne, Peter, Plassey St.
Thorne, Wm. Richard, Plassey St

[illegible]

Griffiths, D.
Rees, Edmund

PENMAENMAWR

Evans, E., Bodavo
Hughes, J., Grosvenor House

PENRHIWLLAN, Llandyssil

La[illegible], Thos., Llwynteg

PENRHYNSIDE, LLANDUDNO.

Edwards, Edward Mason and Plumber
Jones, Richard, and [illegible]
Williams, E[illegible] and Mason

PENTRAETH, Anglesey.

Owen, Robt., & Sons

PENTRE VOELAS, Bettws-y-Coed, R.S.O.

Jones, John, Penlan

PENYGROES, R.S.O

Davies, Lewis
Evans, Peter
Owens, Owen, Llwynow Cottage
Roberts, G , Snowdon Street

PEN-Y-GRAIG, Dinas, R.S.O.

Evans, David & Sons
Morgan, Thos., Tylycelyn Rd.

PONTLOTTYN, via Cardiff.

Davies, John C.
Davies, Robert
Davies, Thos
Samuel, Jos

[illegible]

Morgan, J

PONTYCYMMER, Bridgend

Roberts, Thos.

PONTYPRIDD

Games, Wm., Cilfynydd
Griffiths, David, & Co., Gellywasted Rd
James, J. H , Berw Rd
Jones, D , Torrent Terrace, Treforest
Jones, Morris, Sion St
Julian, M., The Gardens, Coedpenmaen
Powell, H., Coedpenmaen Rd
Powell, J. P , Llanover Gardens
Richards, A , 37, Berw Rd.
Seaton, W., The Grange
Snelling, Jas., Coedpenmaen
Taylor, Thos , Merthyr Rd
Williams, J , Tyvicha Rd
Williams, Matthew, Coedpenmain
Williams, W., Merthyr Rd.
Williams & James, Llanover Gdns., [illegible]

PORT DINORWIC

Williams, W R.

PORT MADOC.

Jones, William, Snowdon St.
Jones, W., Madoc St.
Lloyd, Robt., High St
Owen, Isaac, & Owen Engineers and Ironfounders
Roberts, G , Penmorfa
Roberts, David Morris, Pentrefelin
Williams, G , 68, New St.

PORT TALBOT

Gaen, C. & F
Nicholas, John

PORTH, R.S.O., RHONDDA [illegible]

George, [illegible]
J[illegible] & S[illegible]
Matthias, W H.
Thomas & Morgan, Cross St.

PRESTEIGNE

Price, J , Broad Street

PWLLHELI

Griffith, W., & Son (Painters, &c.)
Hunter, John
Jones, J , Salem Ter
Jones, Rd., Gaol St
Jones, W., Victoria Parade
Roberts, John, Embankment Rd
Roberts, S., Aberuch Slater

RADNOR NEW

[illegible]

[illegible]

Dore, G , Saw Mills East St
[illegible] T P , Church St.
Hamer D Church St.

Wales—*continued.*

RHYL.

Greenhalgh & Roberts, Sea Bank Rd
Griffith, David, 6[illegible], West Parade
Hammond, John, 33, West Parade
Jones, Abel, 65, West Parade
Jones, Hugh, Morley Rd
Roberts, H. T., 3, Abbey St
[illegible]
Whitley, Thos., 2, Abbey St.
Williams, Andrew, Bedford St
Williams, W. [illegible], Abbey St

RUABON

Davies, John, Little St.
Hopley, R., King St., Cefn
Jones, John T., Cefn
Samuel, W. E., Market St.
Williams, John, Hillingdon House, Trefynant

RUTHIN

Morris, J., Market St.
Williams, J. P., 62, Borthyn

ST. DAVID'S

Edwards, D., Carvai
Jones, John, Catherine St.
Laurence, Wm., Goat St.
Morgan, Fredk., Waun Cawr
Morgan, James, Caegir Cwyn
Morgan, John, Bank House
Phillips, Geo., 6, New St.
Thomas, Daniel, Perskilly Ter.
Williams, Jas., New St.
Williams, Joseph, Bwlchcarte

SARNAU, R.S.O.

Jenkins, Thos., Rhipwllwyd

SAUNDERSFOOT.

Lawrence, J., Main St.
Robbin, J., Main St.

SEVEN SISTERS, NEATH.

Thomas, E.

SOLVA.

Davies, Jas., Lower Solva
Evans, Thos., & Son
Morgan, Levi, Upper Solva

SOUTHSEA, Wrexham.

Williams, Thos

SWANSEA.

Bennett Bros., Harcourt St. Yard Mount Pleasant
Billings, H., Trafalgar Yard, Trafalgar Ter.
Brown, J. & H., Richards Pl.
Davies, G., "Bryn-coed," Heathfield
Davies, John, 5, Marlborough Rd.
Davies, T., St. Helena's Avenue
Goodridge, J. P., [illegible]
Gustavus [illegible]
Hoskins, Wm., Glanmore Ter., Uplands
Jay, Geo., Rhyddings
Jenkins, David, Oxford Joinery Works, Beech St.
Jones, Philip & Sons, Lower Oxford St.
Lane, William, 12, Bay View Crescent
Lucas, Wm., Gower St.
Lloyd Bros., Argyle St. Joinery Works
Marles, John, 5, Richardson St.
Richards, T., Northampton Yard
Tucker, John, Bryn Mill Crescent
Thomas, Watkins & [illegible], Brunswick Yard
Webber, T. & [illegible], Courtenay St. Mansel [illegible]

TAI[illegible]

Williams, W., & Sons

TAL[illegible]

Morris, W.

TALYBONT, Glandovey, R.S.O.

Davies, D., & Son

[illegible]

Griffiths, Evan

[illegible]

Thomas, J

[illegible]

Edwards, John
Morgan Bros., Victoria St
[illegible]
Richards, A., Bailey St

[illegible]

Evans, [illegible], & Son
[illegible]
Morgan & Williams, [illegible] St

TOWYN

Jones, Hughes, & Edwards
Morgan, R., & Son, Bryncrug
James, Morris, [illegible] St

TREBANOG, Swansea

Enoch Bros

TREFEINON, Talgarth, [illegible]

Williams, W., & Sons, Steam Sawing Mills

TREHARRIS, R.S.O.

Lewis, John, Brynhaulog

TREHERBERT, Pontypridd.

Davies, E., & Sons, Gwendoline St.
Edwards, D., "Welcome House"
Evans, John, Dunraven St.

TREORCHY, R.S.O.

Mathias, Wm

TYNYGONGL, Anglesey.

Griffith, Thos.

WELSHPOOL.

Roberts, J., Holly Bush Stone Yard
Watkin, A., Timber Yard, Severn Rd

WHITLAND, R.S.O.

Rees, D., Saw Mills
Thomas, D., St. John St.

WREXHAM

Barnet, —, Mount St. (Painter and Glazier
Bradshaw, E., Wheatsheaf, near
Cathrall, G., 23, Regents St. (Plasterer
Davies & Son, Rhostyllen, near
Davies Bros., 2-5, Hill St.
Hughes, Jas., Alexandra Rd
Jones, Henry A., 16, Poplar Rd.
Kellett, H., Beast Market (Plumber)
Lewis Bros., Horns Inn Yd., Bridge St
Martin, H. B., Pen-y-bryn (Plumber)
[illegible], 5, Pen-y-bryn
Owen, W., Ruabon Rd
Rogers, Wm., 24, Talbot Rd.
Samuel, W. E., Market St
[illegible]
[illegible]
Turner, [illegible] Yard, Hope St. and Joiners,

YNISHIR, Porth, R.S.O.

Richards, David

YNYSYBWL, Pontypridd.

Howell, Joseph
Rees, John

YSCEIFIOG, Holywell.

Davies, Edward

YSTALYFERA, Swansea.

Rees, D., Swansea Valley

5. Ireland.

ANTRIM

McManus, John

ARMAGH

Cochran, J., Scotch St. (Plumber)
Collen, T., & Son, Railway St.
Donnelly & Somerville, Barrack St. (Plumbers
Farr, T., Abbey St.
Hillock, H., Thomas St. (Plumber
Johnston & Anderson, The Mall
Whitsett Bros., English St. (Plumbers
Wood, Jas.

ATHENRY.

Broderick, J

ATHLONE

Dooley, Jas
Lyster, P., & Son, King St.
Smith, [illegible], Mardyke St

ATHY, Co. Kildare.

Carberry Bros.

BAGENALSTOWN

Morrison Bros

BAILIEBOROUGH, Kells

Bartley, W
Coote, T. R

BALLINAMALLARD, Enniskillen

Pursley, Robert

BALLINASLOE

Connell, Martin, Dunlo St.
Ward, Lewis, Dunlo St.

BALLINCOLLIG, Cork.

Forde, J. C.

BALLISODARE

Clarence, J
MacDonagh, [illegible]

BALLYBAY

Irwin Bros

BALLYBRACK.

Pemberton, B. B., Shanganagh Ter.
Pemberton, H., Church Rd

BALLYCASTLE.

Boyle, J.
Humphreys, Thos.

BALLYMAHON, Mullingar.

May, —

BALLYMENA.

Cosby, James, Ballymoney St.
[illegible], John
McCann, Hugh
Moore, W., Ballymoney St.

BALLYMONEY

James, Henry
Young, Robert

BALLYWALTER S.O. (co. Down).

Caughy, F

[illegible]

Finney, S., Library Lane

BANDON.

Murray, John

BANGOR, R.S.O. (co. Down)

Hanna, Thos., Ballymager St.
Fletcher, Jos., Ballymager St.

BELFAST

Allen, Andrew, Donegall Lane
Agnew, W., & Co., 45, Bridge End, and 21, Donegore St
Bill, J., & Son, Upper Newtownards Rd
Boyd, Chas., Lagan Building Works, Ormeau Rd
Campbell & Lowry, Clifton Park Avenue
Campbell, W. H., Lorette Cottage, Upper Newtownards Rd
Campbell, W. J., & Son, Lagan bank Rd.
Courtney & Co., Shaftesbury Avenue, Ormeau Rd
Corry, R., University St
Cumming, C., Henry St.
Dawson & Wilson, Fulton St.
Dawson, R. J., Willowfield
Dickson & Campbell, 12, Clifton St.
Dowling, W., Cromwell Rd.
Dunlop, J. D., Craigy Rd
Dunlop, J. W., Bryson St
Degan, J., 14, Cosgrave St
Fitzpatrick Bros., Ltd., Northern Building Works, Shaftesbury Avenue
[illegible], Hope St
[illegible]
George, [illegible], York Lane
Hearst, M. [illegible], North [illegible]
Henry, [illegible] Crumlin Rd
Hewitt, I., Annesley St.
Hogg, Jas., Joy St.
Johnston, Thos., Susan St.
Keith, H., 5, Glenravel St.
Kerr, W., Henryville, Ravenshill Rd.
Kidd, Jas., Leadbetter St., off Old Lodge Rd.
Kidd, W., & Sons, Landscape Ter.
Laverty, H., & Sons, Cambridge St.
Lees, J., Gt. George's St.
Lester, Jacob W., Limestone Rd
Lindsay, Jas., Templemore Avenue
Lowry, J., & Son, 71, Gt. George's St.
McCammond, W., & Son, Antrim Rd
McClurg & Walker, Upper Newtownard Rd
McConnell, W., Camberwell St.
McCurdy, John, University St.
Macivor Bros., Ponsonby Avenue
McLaughlin & Harvey, Castleton Buildings Works, York Rd.
McMaster, Alex., Eliza St
McMillan, W., Belmont
McRobert, J., Dunluce Avenue
Magee, W., & Son, Ormeau Rd.
Martin, H. & J., Ltd., Ormeau Rd
Milligan & McCartney, 50, Euston St. and Jonesboro St.
Mitchell, Alex., 109 and 111, North St.
Morrow, Samuel, Frank St
Murdock, A., 142, Cullington Rd.
Ritchie, C., Connis Water
Rodgers & Black, Belmore Street, Ormeau Rd.
Rooney & Mooney, 6 & 8, Dawson St.
Ross, J., & Son, Cliftonville
Shimmen, John, Donegall Pass
Smith, J., Garmoyle Terrace, York St.
Stewart, J. & W., Adelaide St.
Thompson, J. & R., Short Strand Bldg. Works
Tyrell, W. J., Mountjoy St.
Workman & Co., Townsend St.

[illegible]

McLean, [illegible]

Ireland—*continued.*

BLACKROCK, Co. Dublin.

Harper, W., Newtown Park Avenue
Lawlor, James, 22, Carysfort Avenue

BOOTERSTOWN, Co. Dublin.

Caulfield, P., Booterstown Avenue

[illegible]RRISLEIGH.

Meagher Bros.
W[illegible], T

[illegible]

Black, J.

BRANNOCKSTOWN, S.O., Kildare.

Taylor, James

BRAY, Co. Wicklow.

Brady & Sons, Eagle Ter.
Doyle, T. W., Novarra Avenue
Plunkett, John, Waverley Ter

[illegible]

Boles, S. D., The Square
Holloway, Thos.

CAPPOQUIN

Dempsey, J.

CARRICKFERGUS

Lav[illegible]rty, H
[illegible], Alex

CARRICKMACROSS.

Mulholland, J.

CARRICK-ON-SHANNON

Cryan, J
Threlfoll,

CARRICK-ON-SUIR

Loughman, P., New St.

CASHEL.

Butler, James, Thomaston
O'Brien, P
Thornton Bros.

CASTLEBAR

Condon, John

CASTLEBLAYNEY.

Harvey, J
Watson, Robt.

CASTLEDOMER, [illegible]

Fogarty Bros.
Walker, John

CASTLEWELLAN, Co. Down.

McAleenan, P

[illegible]

McGuirk, T., Kelly's Ter.
Ramsay, Robt., Main St.

[illegible]

McMahon & Gray
McMahon, Wm.

CLONMEL.

Boles, Neil, Mary St.
Dwyer, P
Hunt, M., 1, Prince Edward's Place

COLERAINE

Baxter J. & D
Christie, Daniel, The Diamond
Ferris, [illegible]
Graham, J., Harbour View
Higgins, Alex., Ashby Villas
Kennedy, Jas., Waverley Terrace
McMillan, James
Maxwell, A., & Co., Castleview Ter
Williamson, A. D., Bridge St. Sanitary Engineer,

CONLIG, Newtownards.

Palmer & Noble

COOKSTOWN

M'Nally, J.

CORK.

Anthony, S., 2, Morrison's Island
Barry, P. & W., Anglesea St.
[illegible]allanan, Chas., Carey's Lane
[illegible]rean Bros., 1, Windsor Place
Delany, J., & Co., 25, Western Rd.
Duggan Bros., Phoenix St.
Fitzgerald, E., Geraldine Place, Victoria Rd
Hegarty, D. [illegible]
H[illegible]
[illegible]
Kearn[illegible]
K[illegible]
Lynch, T., 16, Bowling Green St.
McDonnell, J., 22, Chapel St.
McMullen, R., 34, Mary St.
Mullany, Cornelius, Fish St
Murphy, John, 85, Blarney St., and 23, Peter St
Murphy, P., 31, John St
O'Callaghan, D., Gratton St. Bldg. Yards
O'Connell, W., 10, Hanover St.
O'Flynn, E. & P., 40, Watercourse Rd.
O'Flynn, T., 6, Nile St.
Scully, Stephen J., 6, Frenche's Quay
Sheehan, W., 12, Adelaide St.
Sisk, J., 1, Cove St.
Thomas, S., North Mall Square
Wakefield, S., & Son, 10, Wellington Rd

CROSSDONEY, Cavan

Lowry, —

CRUMLIN, S.O., [illegible]

Wilson, N

CUSHENDALL, S.O., Co. [illegible]trim.

McAllister, D

DALKEY.

Higgingbotham, C., 1, Convent Rd.
Quinn Bros., Sorrento Rd.

DONAGHADEE, R.S.O., Co. Down.

McConkey, J

[illegible]

Tracy, P. J., 42, Main St.

DOWNPATRICK

Jordan, J., & Co., Church St
Maguire, John, Irish St.
Stockdale, J. & T., Church St.

DROGHEDA

Butterly, T., West St
Caffrey, P., Dublin Rd
Collins, John, Francis St.
Connolly, B., John St
Cresser, T., Mall
Gogarty, F., 86, West St.
McCann, P., Lawrence St.
McCullen, H., John St.
McDonnell, B., Bull Ring
Pentony, M., Dyer St.
Rache, S., Peter St.
Smulden, T., & Son, Dyer St

[illegible]

Duncan, W

DROMORE, R.S.O., [illegible] Down

Graham, J., Junr.

[illegible]

McManus, P.

DUBLIN

Adams, S., 50, Bishop St.
B[illegible] St.
Barry, Patrick, 9, Moncks Place, Phibsborough
Beckett, J. & W., Rings-end Road, and Barrow St.
Beckett, W. D., 2, Ormond Terrace, Rathmines
Bolton, S. H., & Sons, 156, Rathmines Rd.
Bogan, J., Kyle House, Drumcondra
Breen, S., & Son, 161, Upper Sheriff St.
Brien, J., 54, South King St.
Brock, M., 9, Bolton St.
Bromgoole, J., Gloucester Place
Coates, C., 72, Blessington St.
Collen, Bros., Ltd., 5, Clanwilliam P[illegible].
Comerford, Jas., 74 & 75, North King St
Connolly, W., & Son, 38 & 39, Upper Dominick St.
Crampton, G. J., Hammersmith Works, Balls Bridge
Creighton, Wm., Orwell Rd., Rathgar
Cunningham, J., 3, Lombard St.
Dixon, Geo., 33, Hanover St. East

JAMES DONOVAN,
Builder and Contractor,
58, Harcourt Street, Dublin.

Works executed include—

Tillyra Castle, Co. Galway, over £10,000, Geo. C. Ashlin, Esq., Archt., Dublin.

Mansion at Rockbrook, Co. Dublin, about £9,000, Sir Thos. Deane & Son, Archts., Dublin.

Messrs. McKenzie & Co., Limited, Dublin, Warehouses, over £8,000; J. J. O'Callaghan, Esq., Archt., Dublin.

Marlborough Barracks, Dublin, for War Department, over £50,000.

St. Joseph's Asylum, Drumcondra, Dublin, over £10,000, W. H. Byrne, Esq., Archt., Dublin.

Additions to Castlebar Lunatic Asylum, about £10,000, for Board of Control.

St. Teresas Monastery, Harold's Cross, Dublin, £7,000, Wm. Hague, Esq., Archt., Dublin &c., &c.

Dolphin Hotel, Dublin, over £10,000, J. J. O'Callaghan, Archt.

Farquharson, R., 33, Jones' Rd
Glynn, M., 19, North Brunswick St.
Good, J., 55, Great Brunswick St.
Goodfellow, J. S., 17, Wentworth Pl
Gore, Alex., 19, Hanover St
[illegible]
Ha[illegible] & Son, [illegible] St
Ha[illegible], Patrick, [illegible], North Gt. George's St
H[illegible], [illegible], Brighton Avenue, Rathgar
Humphreys, R., 17, Lower Pembroke St
Johnson, Robert, 2, Lower Buckingham St.
Keating, M., 62, St. Dominick St.
Kelly, J., & Son, 67, Thomas St.
Kiernan, J., 100, Talbot St
Ladwill, R. F., 21, North Gt. George's St
Mackey, Thos., 48, Lower Camden St
McClean, Robt., 61, Rathgar Avenue
Martin, H. & J., Ld., 5, Grand Canal St
M[illegible], M., & Son, 152 to 162, Great Brunswick St
Meldon, R. E., 14, Brighton Square, South Rathgar
Millard, B., 16, Pleasant St
Mooney, E., 26, Hill St.
Monks, H. J., 52-54, Gt. Brunswick St
Noble, A. W., 181, Clonchiffe Rd.
O'Connor, R., 35, Lower Mount St.
Palmer & Noble, 29, Upper Abbey St.
Pemberton, B., Serpentine Avenue, Ballsbridge
Pemberton, J., & Son, 23a, Charlemont St.
P[illegible], 83-87, Gt. Brunswick St.
[illegible], Dalkey
Quinn, T., Gloucester St
Roberts & Son, Grand Canal St
Scott, G. W., & Co., 23, Lower Abbey St
Sharp, A. P., 17, Gt. Brunswick St.
Sharpe, H., 19, Dartmouth Road, Leeson Park
Strahan, Saml., 27, Rathgar Avenue
Toole, R., 139 & 21, Upper Dorset St.
Tully, John, 91, Rathgar Road
Warren, E. & R., 121, Upper Rathmines
Whiteacre, George, 4, Duke Row, Summer Hill
Whyte, B. W., 125, Summer Hill

DUNDALK.

Clarke, P. J., Park St.
McAdorey, J., Seatown Place
McDonald, Thos., Castle Rd
Parks, S., & Son, Fair Green
Wynne, James, Castle Rd.

DUNGARVAN.

Butler, J
[illegible]reany, P

DUNMANWAY.

Jones, Wm. H.

ENNIS.

Foody, P., Turnpike
Shank, D., Causeway

ENNISCORTHY

Fortune, W., Lower Church St.

ENNISKILLEN

Donnelly, J., Forthill St.
Harvey, J., 27, Belmore St.
Reid, J., Belmore St.

ENNISTYMON

Crawford, M.
Linnane, M

FERMOY

Creedon, D
Hayes, Daniel

GALWAY

Brady, J., Mill St.
Cloherty, J., Shop St.
Costello, Jas., William St., West
Dunleary, John
Emerson, J., Devon Place
Flaherty, J., Market St.
Griffin, T., & Sons, Henry St. West*
Halloran, P., Taylors Hill
Lydon Bros., White Hall
M'Carthy, Jas.
Semple, A., Wood Quay

GARVAGH, R.S.O.

Cox, Robt.

GORT, R.S.O.

Kilooy, Wm.

GRANARD, Co. Longford

Dolan, J
Keirnan, T

HOLYWOOD.

Miller, W., High St.
Nimick, W., 31, High St.

KELLS

[illegible]ourne, John
Mackey, Wm.
O'Brien, Patrick

KILKEEL, R.S.O. (co. Down).

Kenmuir, E.

KILKENNY

Cleere, W. K., Archer St.
Lalor, Stephen, Walkin St.

KILLARNEY

Nunan, F., Main St

KILLINEY.

Bower, G., Tower Hill
Pembertons, Mress.

Ireland—*continued.*

KILLUCAN.

Thomas Reilly,

Builder & Contractor,

SIMONSTOWN, KILLUCAN,

County Westmeath.

Works executed include—

Kinnegad Male and Female National Schools, £1,150, Knockaville National Schools, [illegible] Westmeath, Additions, Alterations, and Improvements to Coralstown Catholic Church, Co. Westmeath, do. to Clonard Catholic Church, Co Westmeath, New Front and Belfry to Catholic Church, Longwood, and Two Farm Dwellings on the Estate of Lord Longford, &c., New Convent Schools, Rochfort Bridge £1,300, A Scott & Son Archts., Drogheda and Navan. Medical Residence, Killucan, £1,200

KILMALLOCK

Gaffney, Nicholas
Walsh, Thos.

KILRUSH.

Morrissy, Wm., Moore St.
Ronan, J.

KINGSTOWN.

Harper, W. H., 91, Lower Georges St.

LARNE

Ferris, J., Main St

LIMERICK

Corboy, Philip, Clare St.
Gleeson, R. A., Carr St.
Hayes, John, Newenham St.
Hayes, James J., Perry Sq
Kennedy, Patrick, 9, Military Rd

James Maher,

BUILDER & CONTRACTOR,
Westland Rd. & South View,
BALLINACURRA, LIMERICK,
AND ABBEY COTTAGE,
ROSCREA, CO. TIPPERARY.

Works executed include—

Coastguard Station, Fenit, Co. Kerry, £3,000. Board of Public Works, J H Owen, Archt.

J. & G. Boyd, Ltd., Warehouse, 11 and 12, William St., Limerick, £8,500, R. Fogerty, C E., Archt., Limerick. *Just finished.*

Provincial Bank Premises, Kilrush, Co. Clare, £3,500; W. H. Hill F.R.I.B A.,Cork. At. *In hand at present*

Barrington's Bridge House, Croker Barrington, Esq., £1,000; William Barrington, Jun., & C. E., Limerick, Archt. *In hand at present.*

Roscrea Water Supply, £5,500. Messrs. Ryan & Hickson, Engineers

AND NUMEROUS OTHER WORKS

Molloy, Patrick, Queen St.
Moroney, P., 51, Clare St.
Mulcay, Jas., 15, Queen St.
Quin, J., Convent St.
O'Sullivan, D., 25, Frederick St
Ryan, John, & Son, 34, Thomas St.
Ryan, Michael, 7, Macnamara Ter.

LISBURN

Henry, J
Knox. Rd

LISTOWEL

MacMahon, Isaac, Church St
MacMahon, William, Market St.

LONDONDERRY

Ballintine, J., Strand Rd
Colhoun, J., Strand Rd
Colhoun, R., Strand Rd
Fulton, Jas A., Fountain St
McClelland, M., Strand Rd.
McDermott, Jos., 4, Magazine St.
McKane, Jas., Elrington Ter.
Maultsaid, W J., Rosemount
Shannon, J., 85, Fountain St.
Sweeney, M., Stanley's Walk

[illegible]

Fee. T., Church St.
Kelly, Patrick, Earl St.

LURGAN

McIlwaine, S

MANORHAMILTON, R S.O

Sweeney,
Wilson, P

MIDDLETON, Co. Cork.

JERH. J. COFFEY,

BUILDER & CONTRACTOR

MIDLETON, CO. CORK.

Works Executed include—

Carrig House, Midleton £650; Messrs. H. A. Hill, Archts., Cork [illegible] Offices for the [illegible] Messrs. [illegible] Works, £5,000, S. A. Kirkby, Esq., M A., Engineer, Cork The Queen's Bacon Factory, Waterford, £4,000, R. Walker, Esq., P S A.C.E., Archt., Cork Labourers' Cottages for the Guardians of Middleton Union, £9,500, J D Evans, Esq, B.E., Archt., Cork [illegible] course of erection Midleton [illegible] Messrs. [illegible] dill & Howdill, [illegible] Leeds, Archts. Midleton [illegible] Church £14,000, G. C. Ashlin, Esq., R H A., Dublin, Architect.

MONAGHAN

Duffy & Son
Duffy, P
Nolan, Peter's Mill St

MULLINGAR

Willis Bros.

NAAS

Hyland, [illegible]

NAVAN

Curry, Wm., Academy St.
Maguire, Jas., Trimgate St.
Pigott, John, Cannon Row

NEWBRIDGE

Carbery, Daniel, Emily Sq.
Irvin J., Main St and Eyre St.

NEWRY

Johnston, Saml., Altnaveigh
Mahood, D., Monaghan St.
Whelan, A., Canal St.

NEWTONARDS

Browne, Robt., Shore Rd
Burrows, Hugh, North St
Caubrey, J & R. B.
Dawson, Robt., Castle St.
Gordon, J A., Ann St.
Hanna, John, South St.
Johnstone, J. T., Francis St.
McAlpine, J., Mill St.
Paisley, Thomas, South St.
Wilson, A., West St.

PALATINE

Weir, Isaac

[illegible]

Sheridan, P
Sweeney, John, & Son, Crinkle

PORTADOWN.

Bright Bros, Portadown Foundry
Cullen Bros
Reid, W

RANDALSTOWN

McManus & Sons

ROCHFORT BRIDGE, Killucan.

Boyhan, M.

[illegible]

Waldron, Bernard
Watt, T Plumber

ROSCREA

Maher, J.

SHERCOOK, Carrick-Macross.

McGennis,

SLIGO

Carr, P.
Kerr, G., William St.
McGlynn, Denis
McGuire, P., 5, Ratcliffe St
Meldrum, J., & Sons, Castle St

SNEEM, Co. Kerry.

Breen, Michael

STRABANE.

McClay, J., Bridge End

STROKESTOWN, Cokos-Connaun.

Brennan, P
Whelan, —

SWINFORD.

Mulligan, John

TARBERT, Co. Kerry.

Holly, P.
O'Sullivan, T.

TEMPLEMORE

Cussen, M

THURLES.

Kennedy, P

TIPPERARY

Fleming, J., St. Michael St.

TRALEE

Healy, J B., Edward St.
Healy, Patrick, 128, Rock St.

TULLAMORE

Clear Bros.

WARRENPOINT

Grandy, Jno
Wilson, Jas., Post Office St.

WATERFORD.

Hearne, J., Adelphi Terrace, and 19, Beresford St.
Hunt, M., Beresford St.
Nolan, G.

WATERVILLE, Co. Kerry

Foley, D
Galvin T

WESTPORT.

Kennedy, P
Richardson, Thos.

Gilchrist oln 457 $10.00 6/40

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